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EXTRA CENSUS BULLETIN.

WASHINGTON, D. C.

March 15, 1894.

DEPARTMENT OF THE INTERIOR,

CENSUS OFFICE,

WASHINGTON, D. C., February 20, 1894.

S1R:

No. 67.

I have the honor to transmit the accompanying bulletin, which presents preliminary totals for all classes of mechanical and manufacturing industries in the United States, as prepared by the Division of Manufactures. Very respectfully,

very respectivity

CARROLL D. WRIGHT, Commissioner of Labor in charge.

The Secretary of the Interior.

STATISTICS OF MANUFACTURES.

TOTALS FOR THE UNITED STATES: 1890.

With the exception of mining and quarrying, which forms the subject of a separate report, this bulletin presents for the United States and for each state and territory the statistics concerning all classes of mechanical and manufacturing industries as reported at the Eleventh Census. The data are also presented by specified industries for the United States. The tabular statements include only establishments which reported a product of \$500 or more in value during the census year ending May 31, 1890. The tables show: 1st, capital, excluding the value of hired property, under the subheads of land; buildings; machinery, tools, and implements, and live assets : 2d, miscellaneous expenses; 3d, average number of employés and total wages, the employés being subdivided into classes of officers, firm members and clerks; operatives, skilled and unskilled, and pieceworkers, the males, females, and children of each class being shown separately; 4th, cost of materials used; 5th, value of products. The figures are preliminary and subject to modification for final report.

It was found impracticable to make a complete canvass of the entire United States for the collection of statistics pertaining to the generation of electricity for lighting and power purposes; the data concerning this industry are, therefore, confined to the state of New York, the city of St. Louis, Mo., and the District of Columbia. A large number of reports were received from dentists, which purported to represent only the mechanical work, but it was evident that in many cases operative dentistry had been included. This fact, combined with the strenuous objection on the part of the profession to give any information whatever of the character required by the census schedule, on the ground that the census law did not seek to secure the returns for professional services, caused the office to discontinue its efforts to obtain further reports for the mechanical branch of the profession. The statistics published are those which were secured prior to the objection referred to.

The fact that the agents of the Census Office experienced in some cases great difficulty in obtaining reports from large manufacturers who refused or neglected to comply with the requirements of the law, has caused the totals stated in some instances to be less than they would have been had these reports been included, but these omissions are comparatively few in number, and affect the statistical value of the data but slightly.

The individual returns were classified according to the product of chief value, but some of the differences, which will appear upon comparison of these data with corresponding classes reported at the census of 1880, are due to changes in the classification. Great care has been exercised in assigning the individual reports to the different C.O. P-10m

classes, and copious cross references are made in the case of those general classes in which some of the products are common. When different branches of the same industry follow immediately in alphabetical order, these cross references have been omitted.

When two or more plants owned by the same corporation, firm, or individual are located in the same county or city, and engaged in the same industry, they are tabulated and counted as one establishment.

Owing to changes in the form of inquiry and the inclusion at the Eleventh Census of certain industries omitted at the census of 1880, the data reported at the two census periods can not be considered as an exact indication of the growth of manufacturing and mechanical industries during the decade.

The following comparative summary shows the totals for the United States in all classes of manufactures as reported for the two census periods:

COMPARATIVE SUMMARY OF TOTALS FOR THE UNITED STATES: 1890 AND 1880.

ITEMS.	1890	1880
Number of establishments reporting	355,401	253,852
Capital	\$6,524,475,305	\$2,790,272,606
Miscellaneous expenses	\$630,944,058	(a)
Average number of employés (aggregate)	4,711,832	2,732,595
Total wages	\$2,282,823,265	\$947,953,795
Officers, firm members, and clerks-		
Average number	461,049	(b)
Total wages	\$391,914,518	(b)
All other employes—		
Average number	4,250,783	(b)
Total wages	\$1,890,908,747	(b)
Cost of materials used	\$5,158,868,353	\$3,396,823,549
Value of products	\$9,370,107,624	\$5,369,579,191

a This item was not reported at the census of 1880. b Not reported separately at the census of 1880.

The following industries were omitted at the census of 1880, but are included in the totals presented for 1890, viz: bottling; cars and general shop construction and repairs by steam railroad companies; china decorating; clothing, women's, dressmaking; coffins and burial cases, trimming and finishing; cotton cleaning and rehandling; cotton ginning; cotton waste; drug grinding; druggists' preparations, not including prescriptions; gas, illuminating and heating; hay and straw baling; and millinery, custom work. Petroleum refining formed the subject of a separate report at the census of 1880 and the statistics were not included in the report on manufactures.

The true increase during the decade is more nearly shown by the following comparative table, in which the statistics for 1890 do not include the data for the industries enumerated above, with the exception of petroleum refining, and in which the statistics for 1880 have been perfected by the inclusion of petroleum refining and the elimination of certain data duplicated under the head of "Mixed textiles":

COMPARATIVE SUMMARY OF TOTALS, WITH PERCENTAGE OF INCREASE, FOR THE UNITED STATES: 1890 AND 1880.

ITEMS.	1890	1880 (a)	Percentage of increase.
Number of cstablishments reporting	322,624	253,502	27.27
Capital	\$6,138,716,604	\$2,780,766,895	120.76
Miscellaneous expenses	\$615,056,643	(b)	
Average number of employes (aggregate)	4,476,094	2,700,732	65.74
Total wages	\$2,171,356,919	\$939,462,252	131,13
Officers, firm members, and clerks-			
Average number	426,139	(c)	
Total wages	\$372,005,001	(c)	
All other employés—			
Average number	4,049,955	(c)	
Total wages	\$1,799,351,918	(e)	
Cost of materials used	\$5,018,277,603	\$3,395,925,123	47.77
Value of products	\$9,054,435,337	\$5,349,191,458	69.27

a The difference between the totals stated in the table and those published in the reports of the Teuth Census is caused by the elimination of data duplicated under the bead of "Mixed textiles", such data haviog been included in the totals for the different branches of the textile industry, also by the inclusion of petroleum refining.

b This item was not reported at the census of 1880.

c Not reported separately at the census of 1880.

The questions respecting employés and wages used at the Tenth Census generally called only for the "greatest number of hands employed at any one time during the year", also "the average number of hands employed" without designating the different classes. The question used at the Eleventh Census required the average number of employés to be reported by classes of officers and firm members; clerks; operatives, skilled and unskilled; and pieceworkers.

The cost of materials used is the reported cost at the place of consumption. The value of products is the reported value at the factory of the total product for the year, not including any allowance for commissions or expenses of selling. The products of one industry frequently become the materials for another, the repetition being continued through several processes of manufacture, thus constantly adding to the total value of products by the duplication and inclusion of the cost of the original materials. This duplication is unavoidable and is statistically correct, but the reported aggregate value of products can not be considered as a correct indication of the contribution to the wealth of the country by manufacturing processes.

The total value of products reported for the United States is \$9,370,107,624; but the contribution to the wealth of the country is more nearly shown by deducting from this amount \$5,158,868,353, the cost of the materials used, leaving \$4,211,239,271 as the increased value of the raw materials.

The difference between the apparent cost and the value of manufactured product can not be taken as indicating the profit or earnings of capital, because many items of expense enter into the mercantile portion of the business, which branch is not within the scope of the census inquiry. The data furnished in the reports relating to depreciation of manufacturing plants are not sufficient to form a basis for correct computations, and therefore are omitted from these tables.

Table 1 presents the total for all classes of mechanical and manufacturing industries in the United States and in each state and territory as reported at the Eleventh Census. Table 2 presents these statistics for the United States and for each class of industry for which three or more establishments were reported as being in operation during the census year. Industries in which less than three establishments were reported are grouped in order to avoid disclosing the operations of industrula establishments.

STATISTICS OF MANUFACTURES.

TABLE 1.-THE UNITED STATES, BY

[Live assets includes raw materials; stock in process and finished products on hand, and cash, bills, and accounts receivable. Miscellaneous expenses includes used in the business, and all sundries not elsewhere reported. Cost of

-					CAPI	TAL.				AVERA	GE NUMBER C TOTAL V		DYÉS AND
	STATES AND TERRITORIES,	Num- ber of estab- lish- ments report-			Value of	f plant.		Live	Miscel- laneous expenses,	Ag	gregates.	mem. cl	ers, firm bers, and erks.
		ing.	Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements,	assets,		Aver- age number.	Total wages.		es above years. Wages.
1	United States,	355,401	\$6,524,475,305	\$3,238,701,496	\$775,718,649	\$878,8 <mark>32</mark> ,137	\$1,584,155,710	\$3,285,773,809	\$630,944,058	4,711,832	\$2,282,823,265	418,014	\$372,062,439
$\frac{2}{3}$ $\frac{4}{5}$ $\frac{5}{6}$	Alabama Alaska Arizona Arkansas California	2,977 10 76 2,073 7,923	$\substack{46,122,571\\105,727\\616,629\\14,971,614\\146,797,102}$	33,837,984 96,703 383,290 10,448,236 80,001,604	6,222,432 4,250 24,120 2,707,958 21,352,256	6,487,089 26,350 76,240 1,782,609 15,898,565	21,128,463 66,103 282,930 5,957,669 42,753,783	$\begin{array}{r}12,284,587\\9,024\\233,339\\4,523,378\\66,792,498\end{array}$	2,797,896 5,252 49,231 1,035,107 12,984,191	33,821 86 528 15,972 83,642	$\begin{array}{r} 12,676,029\\ 22,173\\ 358,127\\ 5,749,888\\ 51,538,780\end{array}$	2,553 8 70 1,783 9,972	1,821,211 3,548 55,981 1,073,303 9,774,950
7 8 9 10 11	Colorado Connecticut Delaware Dist.of Columbia Florida	1,518 6,822 1,003 2,295 805	26,651,840 227,004,496 33,695,400 28,865,089 11,110,304	$\begin{array}{r} 14,911,757\\ 101,457,999\\ 16,707,608\\ 19,378,931\\ 7,277,120 \end{array}$	3,628,703 14,781,994 3,494,802 5,438,756 2,435,136	3,065,498 34,495,124 5,394,517 5,396,278 1,079,512	$\begin{array}{c} 8,217,556\\ 52,180,881\\ 7,818,289\\ 8,543,897\\ 3,762,472 \end{array}$	$\begin{array}{r} 11,740,083\\ 125,546,497\\ 16,987,792\\ 9,486,158\\ 3,833,184 \end{array}$	1,948,025 15,399,101 1,851,575 1,589,869 1,131,067	17,067 149,939 21,906 23,404 13,927	$\begin{array}{r} 12,285,734\\75,990,606\\9,892,387\\14,622,264\\6,513,068\end{array}$	1,923 8,632 1,305 2,689 741	2,323,926 9,167,490 1,204,938 2,200,834 564,799
12 13 14 15 16	Georgia Idaho Illinois Indiana Indian territory.	$\substack{4,285\\140\\20,482\\12,354\\20}$	56,921,580 1,048,916 502,004,512 132,405,366 204,329	36,137,965 616,560 236,825,020 63,423,20t 147,749	$\begin{array}{r} 8,034,507\\ 80,560\\ 61,986,313\\ 11,477,139\\ 5,800 \end{array}$	9,072,266 146,108 68,754,214 20,552,707 27,400	$\begin{array}{r} 19,031,192\\ 389,892\\ 106,084,493\\ 31,393,355\\ 114,549 \end{array}$	$\begin{array}{r} 20,783,615\\ 432,356\\ 265,179,492\\ 68,982,165\\ 56,580\end{array}$	4,019,539 69,586 79,515,193 16,500,903 11,590	56,383 774 312,198 124,349 175	17,312,196 324,202 171,523,579 51,749,976 79,830	$3,790 \\ 105 \\ 28,878 \\ 12,731 \\ 8$	2,569,166 67,255 27,086,400 8,742,523 6,608
17 18 19 20 21	Iowa Kansas Kentucky Louisiana Maine	7,440 4,471 7,745 2,613 5,010	77,513,097 43,926,002 79,811,980 34,754,121 80,419,809	$\begin{array}{c} 39,001,353\\ 23,913,090\\ 36,712,121\\ 20,976,072\\ 41,183,178 \end{array}$	$\begin{array}{r} 10,322,103\\ 4.716,300\\ 7,468,633\\ 4,882,106\\ 7,198,639 \end{array}$	$\substack{11,375,796\\8,734,553\\12,127,764\\4,764,183\\12,039,040}$	$\begin{array}{c} 17,303,454\\ 10,462,237\\ 17,115,724\\ 11,329,783\\ 21,945,499 \end{array}$	38,511,744 20,012,912 43,099,859 13,778,049 39,236,631	5,732,206 5,853,466 15,879,728 8,760,753 5,394,694	59,174 32,843 65,579 31,901 75,780	25,878,997 16,328,485 27,761,746 13,159,564 26,526,217	7,583 4,311 8,074 3,267 4,853	5,233,383 2,915,686 5,988,985 2,912,703 3,370,916
$22 \\ 23 \\ 24 \\ 25 \\ 26$	Maryland Massachusetts Michigan Minnesota Mississippi	7,485 26,923 12,127 7,505 1,698	$\begin{array}{c} 119,667,316\\ 630,032,341\\ 262,412,240\\ 127,686,618\\ 14,896,884 \end{array}$	58,204,999 274,781,845 135,667,551 65,377,472 9,989,714	$\substack{13,565,147\\40,926,844\\61,557,730\\27,332,889\\2,006,782}$	$\begin{array}{c} 17,703,369\\ 83,906,371\\ 24,269,785\\ 12,567,605\\ 2,447,028 \end{array}$	$\begin{array}{c} 26,936,483\\ 149,948,630\\ 49,840,036\\ 25,476,978\\ 5,535,904 \end{array}$	$\begin{array}{r} 61,462,317\\355,250,496\\126,744,689\\62,309,146\\4,907,170\end{array}$	10,616,347 63,083,782 18,348,381 12,136,612 827,627	$107,054 \\ 485,182 \\ 163,941 \\ 79,629 \\ 15,817$	$\substack{\begin{array}{c}41,526,832\\239,670,509\\66,347,798\\38,189,239\\4,913,863\end{array}}$	$8,695 \\ 32,475 \\ 14,174 \\ 8,617 \\ 1,324$	6,855,782 31,343,429 10,920,189 7,253,680 710,313
27 28 29 30 31	Missouri Montana Nebraska Nevada New Hampshire.	$\substack{\substack{14,045\\289\\3,014\\95\\3,229}}$	$\substack{189,236,422\\4,293,794\\37,569,508\\1,211,269\\79,375,160}$	86,526,312 2,448,313 20,416,158 694,510 41,210,934	$\begin{array}{r} 21,366,183\\ 561,265\\ 4,668,810\\ 203,410\\ 8,392,436\end{array}$	25,159,128 689,165 7,465,566 194,123 10,884,979	40,001,031 1,197,883 8,281,782 296,977 21,933,519	$\substack{ \stackrel{1}{02,710,080} \\ 1,845,481 \\ 17,153,350 \\ 516,759 \\ 38,164,226 \\ }$	$\substack{22,860,438\\296,684\\5,395,242\\53,869\\4,363,192}$	142,924 2,696 23,876 620 63,361	76,327,907 1,948,213 12,984,571 445,503 24,248,054	17,357 291 3,184 54 2,798	16,027,711 281,702 2,595,196 64,721 2,127,654
32 33 34 35 36	New Jersey New Mexico, New York North Carolina North Dakota	$9,221 \\ 127 \\ 65,840 \\ 3,667 \\ 382$	$\begin{array}{r} 249,890,428\\965,938\\1,130,161,195\\32,745,995\\2,894,553\end{array}$	$\begin{array}{r} 128,317,516\\717,750\\532,753,966\\20,239,772\\1,643,130\end{array}$	$\begin{array}{r} 26,056,714\\ 60,507\\ 120,861,115\\ 3,730,403\\ 201,160\\ \end{array}$	$\begin{array}{r} 40,770,779\\ 185,295\\ 141,542,405\\ 4,932,861\\ 498,520\end{array}$	61,490,023 471,948 270,350,446 11,576,508 943,450	$\begin{array}{r} 121,572,912\\ 248,188\\ 597,407,229\\ 12,506,223\\ 1,251,423\end{array}$	$\substack{18,209,798\\76,638\\122,042,219\\3,329,101\\236,909}$	$186,901 \\944 \\850,084 \\36,214 \\1,847$	96,509,703 532,727 466,846,642 7,830,536 1,002,881	$12,595 \\ 91 \\ 87,936 \\ 2,512 \\ 329$	$\substack{13,345,066\\61,425}\\91,343,801\\1,250,705\\237,181$
37 38 39 40 41	Ohio Oklahoma Oregon Pennsylvania Rhode Island	28,673 72 1,523 39,336 3,377	402,793,019 95,519 32,122,051 990,999,375 126,483,401	$\begin{array}{r} 182,623,997\\72,936\\19,865,297\\505,400,180\\68,013,492\end{array}$	$38,125,149 \\ 13,412 \\ 8,147,763 \\ 111,859,797 \\ 8,980,688$	58,206,728 8,410 4,380,451 135,112,770 19,294,199	$\begin{array}{r} 86,292,120\\ 51,114\\ 7,337,083\\ 258,427,613\\ 39,738,605\end{array}$	$\begin{array}{r} 220,169,022\\22,583\\12,256,754\\485,599,195\\58,469,909\end{array}$	$\begin{array}{r} 45,062,325\\21,970\\2,108,668\\74,833,862\\8,825,407\end{array}$	331,548 195 18,798 620,484 85,976	$\substack{158,768,883\\71,918\\11,535,229\\305,556,229\\37,927,921}$	$33,852 \\ 48 \\ 1,956 \\ 46,716 \\ 4,099 \\ 1,099 \\ 1,000$	28,311,557 19,592 1,916,929 40,788,793 4,351,338
42 43 44 45 46	South Carolina South Dakota Tennessee Texas Utah	$2,382 \\ 499 \\ 4,559 \\ 5,268 \\ 531$	$\begin{array}{r} 29,276,261\\ 3,207,796\\ 51,475,092\\ 46,815,181\\ 6,583,022 \end{array}$	$\begin{array}{r} 18,217,734\\ 2,164,020\\ 29,895,690\\ 30,351,607\\ 3,603,045 \end{array}$	2,981,486 322,855 6,441,558 8,495,546 1,281,296	5,591,670 512,142 7,263,689 6,090,177 838,690	9,644,578 1,329,023 16,190,443 15,765,884 1,483,059	$\begin{array}{c} 11,058,527\\ 1,043,776\\ 21,579,402\\ 16,463,574\\ 2,979,977 \end{array}$	$\substack{1,792,386\\268,214\\4,126,271\\3,591,940\\455,968}$	24,662 2,422 42,759 39,475 4,980	6,590,983 1,098,418 16,899,351 18,586,338 2,715,805	$1,731 \\ 401 \\ 5,026 \\ 4,418 \\ 576$	$\substack{1,055,202\\262,060\\3,240,854\\3,285,112\\504,635}$
$47 \\ 48 \\ 49 \\ 50 \\ 51 \\ 52$	Vermont Virginia Washington West Virginia Wisconsin Wyoming	3,031 5,915 1,543 2,376 10,417 190	$\begin{array}{c} 32,763,291\\ 63,456,799\\ 34,369,735\\ 28,118,030\\ 249,515,404\\ 1,411,184 \end{array}$	$\begin{array}{r} 16,825,322\\ 31,962,393\\ 21,543,391\\ 16,464,520\\ 125,455,518\\ 811,838 \end{array}$	3,606,967 7,011,581 9,133,392 3,615,607 57,766,281 146,369	$\substack{4,995,066\\9,572,702\\3,643,086\\4,138,734\\24,461,110\\209,721}$	$\begin{array}{c} 8,223,289\\ 18,348,110\\ 8,766,916\\ 8,710,179\\ 43,228,127\\ 455,748\end{array}$	$\begin{array}{c} 15,937,969\\ 28,494,406\\ 12,826,341\\ 11,653,510\\ 121,059,886\\ 599,346 \end{array}$	$\begin{array}{c} 2,188,826\\ 7,421,087\\ 2,180,557\\ 1,960,929\\ 18,602,764\\ 91,073\end{array}$	24,894 59,591 20,366 21,969 132,031 1,144	$\begin{array}{c} 10,096,549\\ 19,644,850\\ 12,658,614\\ 8,330,997\\ 51,843,708\\ 878,646 \end{array}$	$2,629 \\ 5,684 \\ 1,642 \\ 2,475 \\ 10,949 \\ 104$	$1,605,435\\3,711,100\\1,619,584\\1,357,604\\8,448,995\\80,489$

STATES AND TERRITORIES: 1890.

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rent for tenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash materials used includes fuel; rent of power and heat, and mill supplies.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES-continued.

mem	eers, firm bers, and s—Cont'd.		Operati	ves, skil	led and uns	killed.		1		Piecew	orkers.			Cost of materials	Value of products, including receipts	
	iles above years.		es above years.		ales above years.	Ch	ildren.		es above years.		les above years.	Ch	ildren.	used.	from ens- tom work and repairing.	
Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.			
43,035	\$19,852,079	2881,439	\$1436,317,558	505,546	\$139,283,393	104,471	\$14,699,217	445,757	\$222,671,209	296,847	\$75,781,399	16,723	\$2155,971	\$5158,868,353	\$9370,107,624	1
131	55,071	25,816 78	9,347,285 18,625	1,649	385,534	1,344	143,015	2,032	883,756	215	31,076	81	9,081	28,432,281 30,198	51,226,605 58,440	23
46 974	27,399 590,912	436 12,725 50,569	293,809 4,313,675 32,913,974	9 382 6,968	4,435 87,800 2,130,192	9 353 1,513	782 39,531 261,478	4 552 8,496	3,120 171,885 4,674,798	81 4,806	4,583 1,158,850	50 344	1,712 33,626	353,814 12,397,261 120,241,025	947,547 22,659,179 213,404,096	45
128 793 122 309 67	89,403 357,799 56,974 157,288 29,655	$\begin{array}{r} 12,899\\ 83,895\\ 14,586\\ 15,860\\ 8,512 \end{array}$	8,835,749 45,553,505 7,071,775 9,732,366 3,569,122	1,114 23,095 2,009 2,599 715	470,557 6,753,854 392,496 1,092,106 217,358	$272 \\ 2,759 \\ 1,094 \\ 128 \\ 189$	50,861 477,627 138,239 22,050 21,608	$\begin{array}{r} 622 \\ 17,423 \\ 1,633 \\ 1,254 \\ 3,027 \end{array}$	473,532 9,669,768 931,074 992,426 1,893,862	109 13,016 881 560 697	41,706 3,944,039 83,848 424,134 207,197	326 276 5 79	66,524 13,043 1,060 9,467	20,848,516 123,183,080 21,161,752 17,194,666 8,021,854	$\begin{array}{c} 42,480,205\\248,336,364\\37,571,848\\39,331,437\\18,222,890\end{array}$	8 9 10
$295 \\ 2 \\ 3,102 \\ 1,028$	119,034 1,010 1,563,914 430,195	40,903 614 213,795 82,650 146	12,335,399 246,292 116,890,314 34,068,840 67,114	4,831 21 23,689 6,847 3	1,066,618 3,835 6,928,495 1,429,496 784	3,177 17 4,973 2,968 7	315,547 1,810 720,182 375,257 574	1,876 15 28,087 12,310 11	640,892 3,970 15,706,156 5,661,209 4,750	1,167 9,221 5,468	232,188 2,563,656 1,008,791	344 453 347	33,352 64,462 33,665	35,774,480 638,673 529,019,089 130,119,106 127,864	68,917,020 1,396,096 908,640,280 226,825,082 248,932	13 14 15
554 295 1,055 257 553	215,994 124,624 479,554 124,292 192,719	41,418 23,022 39,082 15,998 40,714	$\begin{array}{r} 17,830,055\\11,771,341\\16,189,472\\6,941.230\\15,483,715\end{array}$	$3,396 \\ 1,543 \\ 5,385 \\ 2,836 \\ 11,923$	734,687 323,963 1,233,275 601,893 3,169,104	$1,426 \\ 601 \\ 1,895 \\ 533 \\ 1,248$	178,638 70,576 227,070 59,523 166,774	2,792 1,824 6,865 4,969 6,167	1,402,600 956,614 2,999,381 1,927,637 2,343,558	1,787 969 2,855 3,962 9,128	265,119 160,758 607,239 581,336 1,721,956	218 278 368 79 1,194	18,521 4,923 36,770 10,950 77,475	79,292,407 78,845,167 61,588,583 33,282,724 51,520,589	$\begin{array}{c} 125,049,183\\ 110,219,805\\ 126,719,857\\ 57,806,713\\ 95,689,500 \end{array}$	18 19 20
551 5,437 1,093 1,222 28	$\substack{229,636\\2,482,743\\414,703\\561,436\\11,796}$	52,404 250,871 118,303 59,610 11,679	23,547,944 135,516,487 46,062,636 26,517,634 3,717,054	$14,564 \\ 88,382 \\ 8,369 \\ 4,176 \\ 829$	3,223,922 26,419,831 1,796,396 1,187,726 197,458	3,397 7,757 2.326 653 683	332,789 1,323,199 292,169 92,223 68,834	$14,857 \\ 54,599 \\ 14,873 \\ 4,390 \\ 641$	5,501,876 28,166,329 5,870,016 2,293,977 121,196	$11,868 \\ 44,541 \\ 4,488 \\ 854 \\ 407$	1,785,626 14,126,375 924,057 273,614 64,068	718 1,120 315 107 226	49,257 292,116 37,632 5,949 23,144	92,059,390 473,199,434 154,521,918 118,481,941 10,064,897	$\begin{array}{r} 171,842,593\\888,160,403\\277,896,706\\192,033,478\\18,705,834\end{array}$	23 24 25
$1,563 \\ 19 \\ 242 \\ 8 \\ 452$	$721,512 \\ 14,098 \\ 117,897 \\ 4,247 \\ 193,110$	90,786 2,105 17,434 411 32,762	48,277,497 1,432,779 9,420,237 328,854 13,632,029	$11,697 \\ 62 \\ 1,230 \\ 14 \\ 16,326$	3,110,395 35,044 332,654 2,826 4,774,664	3,105 11 611 1,387	475,871 2,608 84,086 120 212,720	11,549 195 829 132 4,747	6,212,231 173,217 387,394 44,735 2,074,694	6,544 13 243 4,607	1,477,304 8,765 44,306 1,198,685	323 103 282	25,386 2,801 34,498	$\begin{array}{r} 177,107,885\\ 2,375,093\\ 67,334,532\\ 439,058\\ 47,754,152 \end{array}$	323,897,688 5,507,573 93,037,794 1,105,063 85,770,549	28 29 30
981 4 10,082 77 19	$\begin{array}{r} 415,256\\941\\5,122,282\\27,710\\6,568\end{array}$	$\begin{array}{r} 106,282 \\ 793 \\ 453,552 \\ 21,252 \\ 1,331 \end{array}$	58,833,756 448,306 263,838,516 4,904,628 688,515	23,022 9 107,857 5,174 83	6,297,979 3,230 32,358,000 745,701 22,155	4,771 15 10,470 3,755 16	$710,260 \\ 2,322 \\ 1,621,250 \\ 322,426 \\ 2,758$	24,815 25 91,751 1,413 67	$13,353,442 \\12,799 \\48,830,785 \\355,794 \\44,664$	$13,893 \\ 7 \\ 86,493 \\ 1,053 \\ 2$	3,468,619 3,704 23,348,915 163,156 1,040	542 1,943 978	85,325 383,093 60,416	$\begin{array}{r} 188,960,704\\ 691,420\\ 871,264,085\\ 22,789,187\\ 3,087,161 \end{array}$	353,179,917 1,516,195 1,711,577,671 40,375,450 5,028,107	33 34
4,714 	2,009,527 58,566 1,418,689 337,270	209,451 132 14,694 403,607 46,655	$\begin{array}{r} 102, 897, 767\\ 50, 260\\ 8, 856, 556\\ 206, 316, 258\\ 23, 248, 561\end{array}$	24,943 3 649 53,778 20,940	5,749,750 620 234,946 14,671,194 5,999,522	5,406 11 197 19,580 5,625	836,088 1,016 31,840 2,984,454 894,645	35,449 1,060 57,265 3,029	$15,761,149 \\ 400 \\ 376,052 \\ 30,271,937 \\ 1,666,628$	16,588 157 33,256 4,662	3,536,747 59,550 8,686,445 1,398,457	1,145 3 2,837 200	166,298 790 418,459 31,500	341,016,464 56,518 21,793,578 773,530,105 76,253,023	641,688,064 180,445 41,432,174 1,331,523,101 142,500,625	38 39 40
$ \begin{array}{r} 183 \\ 10 \\ 246 \\ 263 \\ 55 \\ 55 \end{array} $	61,012 3,665 101,317 152,731 19,905	15,901 1,769 30,549 29,978 3,363	4,299,473 759,556 11,827,698 13,694,480 1,871,258	3,476 123 2,631 1,592 417	668,438 31,366 538,573 432,508 113,368	2,264 35 1,333 906 185	217,274 3,544 150,355 122,800 25,581	763 77 2,095 1,865 294	216,964 36,120 875,364 829,558 170,056	299 6 642 371 68	68,258 1,978 140,495 64,127 9,749	$45 \\ 1 \\ 237 \\ 82 \\ 22$	4,332 129 24,695 5,022 1,253	$18,873,666\\3,523,840\\40,463,782\\36,152,308\\4,252,030$	31,926,681 5,682,748 72,355,286 70,433,551 8,911,047	44 45
$146 \\ 341 \\ 47 \\ 154 \\ 1,076 \\ 18$	63,561 116,820 27,136 61,614 436,446 10,988	17,795 34,983 17,181 14,963 96,224 901	7,139,505 12,199,488 10,307,160 5,611,054 36,341.738 726,217	2,145 5,947 455 912 6,670 57	$\begin{array}{r} 626,679\\ 864,602\\ 176,732\\ 167,964\\ 1,456,403\\ 16,265\end{array}$	$343 \\ 2,498 \\ 129 \\ 763 \\ 1,727 \\ 5$	52,152226,20222,761102,167212,549982	1,190 5,681 883 2,111 9,096 56	447,570 1,819,592 495,336 935,743 3,942,838 41,765	600 3,708 28 543 6,081 3	157,477 653,807 9,830 88,219 979,610 1,940	$ \begin{array}{r} 46 \\ 749 \\ 1 \\ 48 \\ 208 \end{array} $	4,170 53,239 75 6,632 25,129	20,433,174 50,148,285 19,917,057 23,729,089 145,437,016 1,084,432	38,340,066 88,363,824 41,768,022 38,702,125 248,546,164 2,367,601	48 49 50 51

TABLE 2 .- THE UNITED STATES, BY

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[Live assets includes raw materials; stock in process and finished products on hand, and cash, bills, and accounts receivable. Miscellaneous expenses includes used in the business, and all sundries not elsewhere reported. Cost of

											E NUMBER
					CAPI	TAL.					LOYES AND WAGES.
	MECHANICAL AND MANUFACTURING INDUSTRIES.	Num- ber of estab- lish- ments			Value o	of plant.			Miscel- laneous	Agg	regates.
		re- port- ing,	Aggregate.	Total.	Land.	Buildings.	Machin- ery, tools,	Live assets.	expenses.		
						2 minutes	and im- plements.			Aver- age num- ber.	Total wages.
$\frac{1}{2}$	Agricultural implements Ammunition Artificial feathers and flowers. (See also Mil-	910 35 251		\$31,811,412 2,398,483 391,734	\$6,246,748 453,045 105,900	\$13.671,576 1,046,593 60,000	\$11,893,088 898,845 225,834	\$113,502,585 1,970,046 2,690,094	\$11,129,548 292,856 320,446	$\begin{array}{r} 42,544 \\ 2,267 \\ 6,835 \end{array}$	
4 5	linery and lace goods.) Artificial limbs. (See also Surgical appliances.). Artists' materials	59 39	$186,896 \\ 361,460$	84,385 119,095	$13,110 \\ 27,125$	8,150 27,510	63,125 61,460	$102,511 \\ 242,365$	$40,170 \\ 45,400$	250 306	189,370 165,341
6 7 8 9 10	Awnings, tents, and sails Axle grease Babbit metal and solder Bagging, flax, bemp, and jute Bags, other than paper	581 31 36 16 64	3,063,009 451,228 954,654 3,332,102 6,015,685	$\begin{array}{r} 422,538\\ 195,217\\ 256,475\\ 1,964,200\\ 1,740,190\end{array}$	93,560 71,000 101,550 202,800 264,700	78,400 63,600 88,350 462,400 455,400	$250,578 \\ 60,617 \\ 66,575 \\ 1,299,000 \\ 1,020,090$	2,640,471 256,011 698,179 1,367,902 4,275,495	325,853 50,158 49,866 122,272 346,889	$3,872 \\ 194 \\ 261 \\ 3,149 \\ 3,769$	2,208,235 135,109 188,229 905,213 1,462,011
$11 \\ 12 \\ 13$	Bags, paper Baking and yeast powders Baskets and rattan and willow ware. (See	56 150 403	2.321,797 3,587,919 2,702,713	879,460 976,593 852,325	71,239 257,170 168,243	112,850 319,575 340,875	695,371 399,848 343,207	1,442,337 2,611,326 1,850,388	216,584 705,991 250,471	$1,382 \\ 1,867 \\ 3,732$	580,092 1,001,130 1,269,135
$^{14}_{15}$	also Whalebone and rattan.) Bellows Bells, (see also Foundry and machine shop products.)	$17 \\ 22$	146,014 590,420	$43,775 \\ 230,880$	8,550 70,300	$12,900 \\ 72,890$	$22,325 \\ 87,690$	$102,269 \\ 359,540$	$13,655\\36,658$	101 430	62,483 237,227
16 17 18 19 20	Belting and hose, leather Beltiog and hose, lineo. Beltiog and hose, rubber Bicycle and tricycle repairing Bicycles and tricycles	93 9 17 83 27	4,973,420 795,909 5,270,068 172,070 2,058,072	1,088,371 430,530 1,935,943 78,808 926,421	255,700 66,000 487,070 6,400 22,650	299,800 107,600 492,991 7,300 339,371	532,871 256,930 955,882 65,108 564,400	3,885,049 365,379 3,384,125 93,262 1,131,651	$268,278 \\ 46,332 \\ 282,543 \\ 24,067 \\ 242,018 \end{cases}$	$1,621 \\ 292 \\ 1,945 \\ 306 \\ 1,925$	1,114,754 153,366 1,043,768 161,683 1,105,728
$\frac{21}{22}$	Billiard tables and materials Blacking. (See also Cleansing and polishing preparations.) Blacksmithing and wheelwrighting. (See also	57 71	$1,456,624 \\ 1,403,087$	380,070 431,396	97,000 57,765	$91,000 \\ 79,725$	192,070 293,906	$1,076,554 \\971,691$	142,431 264,715	1, 157 1,039	870,480 561,644
23 24	Carriages and wagons, including custom work and repairing.)	28,000	34,500,139	20,524,743	7,282,284	7,588,296	5,654,163	13,975,396	2,510,586	50,867 232	26,796,927
24 25	Bluing Bone, ivory, and lamp black. (See also Paints.)	53 24	184,472 1,627,651	52,817 1,216,408	11,520 618,900	306,333	$29,107 \\ 291,175$	131,625 411,243	$21,736 \\ 84,872$	232 385	104,194 216,288
26 27	Bookbinding and blank-book making. (See also Printing and publishing.) Boot and shoe cut stock	805 344	10,062,034 5,401,834 1,793,123	4,321,702 787,354 627,562	215,245 104,595	258,438 189,325	3,848,019 493,434	5,740,332 4,614,480	1,214,297 411,472	13,815 5,503	6,903,951 2,323,271 771,937
28 29 30	Boot and shoe cut stock Boot and shoe findings Boot and shoe uppers Boots and shoe uppers Boots and shoes, custom work and repairing	$138 \\ 317 \\ 20,803$	1,793,123 1,216.026 14,230,081	$627,562 \\ 334,097 \\ 8,296,361$	$104,595 \\97,215 \\83,700 \\2,886,383$	$124,305 \\ 90,240 \\ 3,233,353$	$493,434 \\ 406,042 \\ 160,157 \\ 2,176,625$	1,165,561 881,929 5,933,720	$163,865 \\ 125,707 \\ 2,786,701$	$5,503 \\ 2,283 \\ 2,110 \\ 35,046$	771,937 1,089,823 16,559,242
31 32 33	Boots and shoes, factory product Boots and shoes, rubber Bottling. (See also Liquors, malt; Mineral	$2,082 \\ 11 \\ 716$	95,282,311 17,790,970 5,656,705	21,527,403 3,515,202 3,195,945	2,190,160 463,615 940,077	5,463,879 1,664,992 906,819	$13,873,364 \\ 1,386,595 \\ 1,349,049$	73,754,908 14,275,768 2,460,760	9,217,519 943,918 728,173	$139,333 \\ 9,264 \\ 3,929$	66,375,076 3,966,875 2,271,355
31 35	and soda waters.) Boxes, cigars. Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	291 588	. 3,374,451 9,277,973	1,371,787 3,954,674	260,615 533,730	317,865 863,089	793,307 2,557,855	2,002,664 5,323,299	$337,496 \\941,498$	5,537 19,954	$2,134,383 \\ 6,869,900$
36	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	636	13,018,456	6,170,885	1,668,733	1,637,719	2,864,433	6,847,571	1,011,900	13,922	6,477,125
37 38 39	Brass and copper, rolled	$14 \\ 16 \\ 453$	1,208,619 8,041,593 18,663,286	$\begin{array}{r} 861,735\ 3,423.815\ 8,451,459\end{array}$	$106,800 \\ 510,000 \\ 1,842,848$	330,800 1,380,815 2,440,097	$\begin{array}{r} 424,135\\1,533,000\\4,168,514\end{array}$	$346,884 \\ 4,617,778 \\ 10,211,827$	53,046 321,793 1,222,989	819 2,801 11,903	$\substack{436,569\\1,577,778\\6,922,489}$
40 41	Drassware.	113	10,866,001 45,758,489	4,153,067 30,283,790	626,250 9,480,559	1,255,465	2,271,352 9,248,124	6,712,934 15,474,699	844,475 6,388,722	7,518	4,057,058 28,789,047
42 43	Bread and other bakery products Brick and tile. (See also Clay and pottery products.) Bridges	137	82,578,566 10,960,218	53,629,375	21,031,133	14,601,046 978,252	17,997,196 2,517,466 101,244	28,949,191 6,708,732 493,188	5,108,769 652,947	109,151 8,921 311	32,695,189 5,681,364 253,835
44 45	Bronze castings. (See also Brass castings and brass finishing.) Brooms and brushes	14 1,235	710,190	4,251,486 217,002 2,269,507	755,768 71,219 575,470	44,539 853,450	101,244 840,587	493,188 5,474,325	68,001 611,554	311 10,984	253,835 4,317,026
46 47 48 49 50	Buttons. Calcium lights. Cardboard. (See also Paper.). Card cutting and designing. Carpentering.	106 15 5 26	3,089,265 73,402 616,548 89,584 81,542,845	$1,262,943 \\51,818 \\282,063 \\41,107 \\22,347,004$	98,664 5,000 30,000 3,050 7,986,520	208,185 2,000 74,898 2,200 6,940,728	956,094 44,818 177,165 35,857 7,419,756	$1,826,322 \\ 21,584 \\ 334,485 \\ 48,477 \\ 59,195,841$	256,846 6,696 38,281 9,789 10,945,617	4,036 97 223 214 140,021	1,673,876 49,570 139,782 106,583 94,524,197
51	Carpets and rugs, other than rag. (See also Woolen goods)	173	38,208,842	17,375,384	2,884,139	5,559,458	8,931,787	20,833,458	1,819,441	29,121	11,633,116
52 53 54 55 56	Woolen goods) Carpets, rag	854 6 539 87 8,614	975,381 333,000 13,028,161 3,158,412 104,210,602	611,805 210,850 5,915,063 1,122,872 39,732,196	217,288 75,000 994,335 283,200 13,443,756	283,145 57,000 1,655,968 451,460 17,386,952	$111,372 \\78,850 \\3,264,760 \\388,212 \\8,901,488$	363,576 122,150 7,113,098 2,035,540 64,478,406	78,13241,781821,743248,1266,022,972	1,764 328 10,928 2,936 73,453	650,119 155,396 5,208,427 1,330,955 40,198,522

SPECIFIED INDUSTRIES : 1890.

rent for lenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash materials used includes fuel; rent of power and heat, and mill supplies.]

AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES-continued.

C	fficers, firm and c		bers,		Operativo	es, skil	led and un	skilled.				Piecewo	orkers.			Cost of unaterials	Value of products, iocluding receipts	
	s above 16 years.		les above years.		above 16 rears.		les above years,	Chi	ldren.	Males y	above 16 ears.	Fema 15	les above years,	Chil	ldren.	used.	from cus- tom work and repairing.	
Num- ber,	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages	Num- ber.	Wages.	Num- ber,	Wages,	Num- ber.	Wages.			
3,529 104 405	\$3,615,117 137,121 518,265	188 5 73	\$89,550 3,410 37,014	30,435 1,371 642	\$13,907,522 774,259 318,906	84 616 2,949	\$18,642 167,747 934,474	204 9 47	\$31,241 1,701 6,242	7,892 10 337	\$4,091,128 3,500 108,500	204 138 2,370	\$56,911 21,394 756,684	8 14 12	\$1,650 1,350 1,100	\$31,603,265 2,759,782 4,645,850		1 2 3
84 58	$\frac{85,472}{59,789}$	$^{4}_{6}$	$1,460 \\ 3,356$	$ \begin{array}{r} 144 \\ 124 \end{array} $	$97,689 \\ 66,842$	$^{3}_{21}$	$^{1,300}_{7,724}$	7 8	1,124 1,100	7 86	$^{2,125}_{26,184}$	$^{1}_{2}$	$200 \\ 250$	1	96	93,795 190,850	475,977 531,785	4 5
720 68	$619,038 \\ 73,467$	17	7,468	1,894 113	$1,242,534 \\58,752$	958 9	$269,954 \\ 2,090$	21 4	3,339 800	85	30,032	175	35,670	2	200	4,150,180 401,897	7,829,003 846,459	$\frac{6}{7}$
86 42 225	102,680 56,831 253,414	2 18	1,266	$169 \\ 1,485 \\ 1,015$	83,207 485,443 524,045	3 1,416 1,168	940 316,409 311,072	133 55	20,378 9,998	1 392	136 148,415	73 690	$26,152 \\ 174,961$	206	32,966	2,385,894 2,520,995 12,657,270	2,905,102 3,852,440 16,355,365	8 9 10
172 396 414	174,610 415,575 258,559	10 30 15	5,768 11,314 6,555	506 839 1,273	230,918 422,269 529,342	536 501 261	130,403 127,142 57,654	11 21 166	$1,896 \\ 2,984 \\ 18,322$	30 34 1,082	7,651 10,936 322,300	117 42 396	$28,846 \\ 9,910 \\ 65,481$	4	1,000 10,922	3,167,717 4,273,796 1,398,483	5,023,793 7,406,806 3,633,592	11 12 13
20 53	$16,224 \\ 41,520$	1 5	520 1,927	$\frac{60}{297}$	84,514 147,817	14	4,113	5 3	$1,545 \\ 750$	$ 15 \\ 58 $	$9,680 \\ 41,100$					$124,145 \\ 389,701$	$249,374\\823,010$	$\frac{14}{15}$
270 18	330,309 29,322 154,461	9 1	3,830 520	1,281 101	767,023 73,992	26 168	8,243 49,026	20 4	$2,716 \\ 506$	5	1,133	10				$6,132,704 \\ 427,815$	8,633,634 777,942 5,512,840	16 17
100 91 123	$154,461 \\ 58,792 \\ 121,148$	10 3 5	$ \begin{array}{r} 6,284 \\ 750 \\ 2,566 \end{array} $	$1,724 \\ 205 \\ 1,703$	846,630 100,847 902,376	33	8,686 609	8 5 35	$1,664 \\ 794 \\ 6,746$	10 2 44	$5,560 \\ 500 \\ 69,163$	58 12	20,080 3,120		400	$ \begin{array}{r} 3,479,538 \\ 67,382 \\ 718,848 \end{array} $	5,512,840 301,709 2,568,326	18 19 20
138 191	$164,560 \\ 223,092$	$\frac{2}{16}$	720 7,320	943 335	605,583 192,791	3 174	$\frac{665}{51,188}$	1 60	233 9,517	70 74	98,719 24,344	183	52,522	6	870	1,295,942 1,484,203	2,823,278 2,900,402	21 22
24307	13,287,010	21	10,179	25,634	13,265,567	11	3,807	189	28,868	698	200,840			7	656	14,645,095	54,304,639	23
71 62	$54,305 \\ 64,247$	6	2,256	94 253	35,070 120,211		6,467	15 6	$^{2,132}_{1,300}$	13 49	$3,015 \\ 28,830$	4	949		1,700	186,588 485,867	457,251 1,031,030	24 25
1,273	1,357,705	69	37,763	6,041	3,500,596	1,371	1,306,460	235	38,455	443	258,065	1,381	404,601	2	306	6,007,417	17,067,780	26
474 195 568 18142	417,730 172,459 406,910 9,165,531	37 7 20 92	$14,510 \\ 3,405 \\ 10,145 \\ 34,728$	2,399 689 746 10,345	1,190,961 329,159 401,465 4,688,083	535 553 341 269	$145,143 \\ 104,772 \\ 119,270 \\ 81,491$	67 48 23 109	11,497 7,875 3,899 16,350	753 301 149 5,939	$271,428 \\ 79,857 \\ 59,207 \\ 2,528,142$	$1,203 \\ 469 \\ 263 \\ 136$	$265,021 \\ 72,112 \\ 88,927 \\ 42,930$	35 21 14	6,981 2,298 1,937	13,744,655 1,965,173 1,983,752 10,322,557	17,903,846 3,459,328 3,671,313 34,531,340	27 28 29 30
5,074 111 870	5,456,387 143,554 749,909	569 19 15	$251,544 \\ 10,248 \\ 9,768$	$\begin{array}{r} 42,487 \\ 3,575 \\ 2,889 \end{array}$	22,713,979 1,705,649 1,477,989	15941 1,121 57	5,096,687 286,033 14,200	1,858 84 82	272,532 15,284 14,605	48,709 1,551 15	24,046,995 818,560 4,809	$23,908 \\ 2,803 \\ 1$	8,296,924 987,547 75	787	240,028	$\substack{118,785,831\\11,650,787\\7,937,001}$	220,649,358 18,632,060 13,583,418	31 32 33
397 938	322,363 1,014,113	15 67	$9,354 \\ 28,688$	$2,489 \\ 4,288$	1,085,438 2,131,251	938 5,716	$256,976 \\ 1,436,593$	201 352	$28,997 \\ 52,787$	$\overset{282}{1,279}$	$115,691\\366,485$	1,195 7,150	$^{312,370}_{1,813,309}$	20 164	$3,194 \\ 26,674$	$3,567,320 \\7,893,941$	7,091,948 18,805,330	34 35
894	850,724	22	10,694	10,238	4,780,116	415	102,834	742	118,701	1,002	506,911	582	98,569	77	8,576	14,244,503	25,513,180	36
39 98 941	35,334 194,600 1,155,169	5 19	2,800 8,987	$ \begin{array}{r} 765 \\ 2,114 \\ 9,607 \\ \end{array} $	386,460 1,158,597 5,177,731	86 283	23,925 79,717	36 97	7,490 17,424	15 280 670	14,775 144,396 389,046	166 266	$\frac{42,670}{89,415}$	16 20	3,300 5,000	1,765,605 5,493,231 12,249,607	2,549,860 8,381,472 24,344,434	37 38 39
340	490,435	21	9,554	4,230	2,463,087	842	236,385	96	15,975	1,063	554,410	906	284,202	20	3,000	7,089,202	13,615,172	40
11614 4,921		2,307 54	$823,360 \\ 19,569$	33,068 93,614	17,675,667 27,471,360	$^{4,190}_{152}$	$1,074,431 \\ 21,616$	813 4,369	$142,221 \\ 474,926$	$^{277}_{5,584}$	$102,028 \\ 1,675,949$	482 60	$124,329 \\ 15,811$	$\frac{11}{397}$	$^{1,583}_{49,695}$	72,507,579 12,639,597	$\substack{128,421,535\\67,770,695}$	$\substack{41\\42}$
533 39	728,161 57,936	, ⁶ 1	$2,070 \\ 364$	7,983 253	4,720,780 186,227	3	760	20 3	$2,363 \\ 548$	376 12	$227,190\ 8,000$			3	800	12,770,146 695,485	$21,868,068 \\ 1,165,163$	43 44
1,394	1,002,998		14,635	8,795	1,606,716		200,755	347	49,546	3,350	1,238,549	895	178,864	278	29,963	6,900,553	14,156,383	45
193 17 17	256,759 15,418 35,010	12	6,028	1,107 75 142	633,463 33,552 85,532	1,434	401,123	77	11,638	437	172,319 600					1,551,608 35,048 701,764	4,216,795 110,062	46 47
16989	30,035			. 142 . 127 120735	85,532 62,093 78,237,286	28	19,240 8,744 7,961	7 188	1,075 33,880	14 1,988	$^{3,940}_{1,075,232}$	1	150 550	3 2	546 120	88,186 137,847,002	1,070,805 243,070 251,195,162	48 49 50
879	508,026	6	2,831	11,619	5,550,234	10745	3,445,426	1,806	330,845	2,036	960,223	2,331	802,823	199	32,708	28,644,905	47,770,193	51
654 18 901 194 9,017	18,048 830,419 169,634	1 31 16	42,085 416 11,775 6,416 80,079	494 305 7,888 2,067 55,328	182,793 135,032 3,430,243 949,728 28,391,194	180 207	26,362 1,900 55,382 57,078 135,701	40 206 52 504	4,714 36,446 7,243 89,081	251 1,644 324 7,737	85,825 827,814 127,604 3,994,576	66 - 56 73 154	9,559 13,830 12,909 45,962	6 22 3 56	343	$726,419 \\ 210,814 \\ 7,387,904 \\ 1,900,907 \\ 47,805,565$	$\substack{1,714,480\\511,700\\16,262,293\\4,094,255\\114,570,555}$	52 53 54 55 56

					CAP	ITAL.				OF EMP	GE NUMBER LOYÉS AND L WAGES.
	MECHANICAL AND MANUFACTURING INDUSTRIES.	Num- ber of estab- lish-			Value	of plant.			Miscel- laneous	Agg	gregates.
		re- port- ing.	Aggregate.	Total.	Land,	Buildings.	Machin- ery, tools, and im- plements.	Live assets.	expenses.	Aver- age num- ber.	Total wages.
1	Cars and general shop construction and	716	\$76,192,477	\$54,738,171	\$10860,668	\$25,399,382	\$18,473,121	\$21,459,306	\$95,054	108,585	\$61,797,675
2	Cars and general shop construction and repairs by steam railroad companies. Cars and general shop construction and repairs by street railroad companies.	78	2,351,162	1,916,929	814,006	777,721	325,202	434,233	78,761	2,034	1,434,377
3	Cars, steam rairoad, not including operations	71	43,641,210	19,316,079	3,811,086	7,878,189	7,626,804	24,325,131	1,725,113	32,062	16,836,531
4	of railroad companies. Cars, street railroad, not including operations of railroad companies.	17	2,468,315	988,956	489,500	280,700	218,756	1,479,359	140,462	1,833	1,174,790
5	Celluloid and celluloid goods	10	2,298,532	1,196,795	139,738	359,127	697,930	1,101,737	241,195	551	364,76
6 7	Cheese and butter, urban dairy product Cheese, butter, and condensed milk, factory	$160 \\ 4,552$	607,590 16,016,573	449,880 11,639,692	$145,692 \\ 968,333$	150,149 5,588,257	154,039 5,083,102	$157,710 \\ 4,376,881$	61,228 813,954	552 14,369	274,70 5,116,00
8	Chemicals (See also Fertilizers: Gunpowder:	563	55,032,452	28,530,902	6,228,481	9,629,429	12,672,992	26,501,550	4,413,170	16,952	9,691,84
9	High explosives; Paints; Varnish.) China decorating. (See also Clay and pottery products.)	78	499,647	112,479	23,600	35,100	53,779	387,168	47,879	467	254,52
10	Chocolate and cocoa products	11	2,630,067	878,050	250,000	155,000	473,050	1,752,017	232,891	963	596,60
11 12	Cigar molds Clay and pottery products. (See also Brick and tile.)	7 707	210,083 26,127,104	117,332 15,606,955	30,000 3,976,737	36,175 6,709,949	51,157 4,920,269	92,751 10,520,149	8,302 2,003,007	$142 \\ 20,296$	67,39 10,138,14
13	and tile.) Cleansing and polishing preparations. (See	56	304,160	115,731	23,700	28,850	63,181	188,429	40,801	390	176,94
14	Cleansing and polishing preparations. (See also Blacking.) Clock cases and materials. (See also Watch and clock materials.)	4	43,863	24,399	8,000	8,133	13,266	19,464	2,308	32	20,68
15	Clocks	27	5,727,202	1,836,508	240,562	621,054	974,892	3,890,694	272,984	3,585	1,935,52
16 17 18 19 20	Clothing, borse	23 31 13,591 4,867 200	$\substack{229,335\\1,028,523\\54,109,273\\128,253,547\\190,118}$	$146,185 \\ 106,832 \\ 11,090,130 \\ 8,359,363 \\ 130,153$	$\begin{array}{r} 14,000\\ 27,350\\ 4,202,761\\ 2,069,521\\ 11,130\end{array}$	$18,500 \\ 31,900 \\ 4,342,542 \\ 3,269,222 \\ 12,412$	$113,685 \\ 47,582 \\ 2,544,827 \\ 3,020,620 \\ 106,581$	83,150 921,691 43,019,143 119,894,184 59,965	40,493 57,894 7,913,423 20,460,045 45,956	396 952 86,143 156,341 1,373	$\begin{array}{r} 244,30\\ 313,30\\ 48,551,10\\ 62,311,64\\ 526,92\end{array}$
21 22 23 24	Clothing, women's, dressmakiog Clothing, women's, factory product Coffee and spice, rossting and grinding Coffus and burial cases, trimming and finish- ing.	19,587 1,224 358 1,368	12,883,079 21,259,528 16,996,009 6,016,385	6,492,274 2,900,778 3,445,002 2,839,798	2,365,464 554,050 678,339 1,016,323	$2,258,391 \\ 617,500 \\ 848,041 \\ 1,124,190$	$\substack{1,868,419\\1,729,228\\1,918,622\\699,285}$	6,390,805 18,358,750 13,551,007 3,176,587	3,177,570 3,620,042 1,229,926 443,832	67,598 42,008 5,122 3,234	22,373,63 18,812,78 3,263,01 1,999,15
25	Coffins, burial cases, and undertakers' goods		11,097,736	4,019,471	1,200,706	1,640,590	1,178,175	7,078,265	822,312	6,424	3,555,25
26 27 28 29 30	Coke	$218 \\ 31 \\ 2,921 \\ 2,652$	$\begin{array}{r} 17,462,729\\237,764\\742,200\\23,326,799\\17,806,554 \end{array}$	$15,980,284 \\ 105,110 \\ 406,437 \\ 11,048,779 \\ 8,029,500$	$\substack{1,405,342\\33,902\\100,575\\2,867,625\\2,997,729}$	869,725 16,951 116,747 3,334,166 2,944,600	$13,705,217 \\ 54,257 \\ 189,115 \\ 4,846,988 \\ 2,087,171$	$\substack{1,482,445\\132,654\\385,763\\12,278,020\\9,777,054}$	394,784 7,627 61,133 3,302,708 1,269,618	9,159 91 807 27,211 24,652	4,186,26 48,63 433,03 11,633,44 11,665,36
31 32 33 34 35	Cordage and twine Cordials and sirops Cork cutting Corscis Cotton, cleaning and rehandling	$140 \\ 40 \\ 65 \\ 205 \\ 13$	22,786,019 783,567 1,869,360 6,640,056 116,210	${}^{12,631,234}_{176,615}_{637,608}_{1,427,619}_{44,550}$	1,711,232 39,150 127,700 193,050 17,000	4,605,005 32,650 275,200 393,900 16,575	6,314,997 104,815 234,708 840,669 10,975	$10,154,785 \\ 606,952 \\ 1,231,752 \\ 5,212,437 \\ 71,660$	987,974 121,207 119,710 908,510 12,026	$12,506 \\ 387 \\ 2,138 \\ 11,370 \\ 210$	$\begin{array}{r} 4,412,64\\ 232,98\\ 762,51\\ 4,062,81\\ 54,06\end{array}$
36 37 38	Cotton, compressing Cotton, ginaiag Cotton goods. (See also Hosiery and knit goods.)	$52 \\ 1,637 \\ 905$	7,864,373 3,221,987 354,020,843	7,283,758 3,048,957 230,993,567	2,637,972 288,384 23,225,097	$2,178,857 \\ 696,400 \\ 69,742,664$	2,416,924 2,064,173 138,025,806	630,620 173,030 123,027,276	$324,469 \\ 176,004 \\ 16,716,524$	3.000 7,660 221,585	1,228,61 781,79 69,489,27
39 40	Cotton ties Cotton waste	3 31	22,475 711,956	19,135 308,064	$6,000 \\ 67,525$	7,000 141,271	6,135 99,268	3,340 403,892	1,004 55,700	18 329	3,15 154,25
41 42	Crucibles Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere spec-	10 474	908,152 12,082,638	460,467 5,876,717	210,500 1,336,564	130,038 2,038,435	119,929 2,506,718	447,685 6,205,921	77,354 790,045	254 9,487	149,21 4,918,15
43 44 45	Ined.) Dentistry, mechanical Dentistry, materials. Druggists' preparations, not including pre- scriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	24 1,805	$\begin{array}{c} 4,019,637\\ 2,908,113\\ 4,624,814 \end{array}$	2,443,548 823,415 1,809,605	453,523 83,050 578,317	438,849 389,050 693,319	1,551,176 351,315 537,969	1,576,089 2,084,698 2,815,209	870,592 406,125 663,883	4,737 1,214 3,940	3,481,18 867,62 1,938,70
46 47 48 49 50	Drug grinding Dyeing and cleaning Dyeing ad fluishing textiles Dye stuffs and extracts Electrical apparatus and supplies	$ \begin{array}{r} 13 \\ 976 \\ 248 \\ 60 \\ 189 \end{array} $	337,885 3,041,178 38,450,800 8,590,096 18,997,337	$\substack{126,115\\2,261,355\\19,879,039\\4,346,403\\6,170,507}$	$30,500 \\ 710,525 \\ 2,579,114 \\ 937,800 \\ 714,542$	$\begin{array}{r} 19,000\\ 647,295\\ 7,596,641\\ 1,724,929\\ 1,496,293\end{array}$	76,615 903,535 9,703,284 1,683,674 3,959,672	$\begin{array}{r} 211,770\\779,823\\18,571,761\\4,243,693\\12,826,830\end{array}$	$\begin{array}{r} 37,213\\ 525,052\\ 3,131,081\\ 372,597\\ 1,154,462\end{array}$	$173 \\ 5,189 \\ 20,267 \\ 2,277 \\ 9,485 $	103,59 2,537,55 9,717,01 1,275,64 5,366,18
51 52 53 54 55	Electric light and power (a) Electroplating Emery wheels Enameled goods Enameling	144 313 17 19	33,838,549 2,051,134 823,059 350,798 71,917	19,167,012 888,173 232,902 143,472 33,387	$1,743,017 \\ 155,760 \\ 26,000 \\ 6,000 \\ 5,000$	2,106,418 129,420 53,374 9,000 3,800	$\begin{array}{r}15,317,577\\602,993\\153,528\\128,472\\24,587\end{array}$	$\substack{\substack{14,671,537\\1,162,961\\590,157\\207,326\\38,530}}$	755,201 182,826 81,148 23,856 15,751	2,004 2,162 292 891 187	1,556,62 1,260,47 182,60 191,92 104,67

a These statistics are confined to the state of New York, the District of Columbia, and the city of St. Louis. See explanation in text, page 1.

SPECIFIED INDUSTRIES : 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES-continued.

	Officers, firm and c		abers,		Operativ	es, ski	lled and ur	ıskilled	L.			Piecew	orkers.		Cost of	Value of products, including receipts	
	es above 16 years.		iles above years.		es above 16 years.		ales above 5 years,	Ch	ildren,		s above 16 years.		ales above years.	Children,	materials used.	from cus- tom work and repairing.	
Num- ber,	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber,	Wages.	Num- ber.	Wages.	Num- ber. Wages			
1,914	\$1,568,759	39	. \$15,483	100209	\$56,276,276	125	\$38,250	56	\$12,852	6,239	83,885,057	3	\$998	·····	\$66,561,526	\$129461,698	1
25	23,172			1,998	1,403,249			1	240	10	7,716				1,154,840	2,966,347	2
688	749,136	20	10,566	22,922	11,483,051	174	53,616	196	34,950	7,982	4,483,137	80	22,075		. 44,674,486	70,083,737	3
48	83,520			1,671	989,312	2	780	6	1,560	106	99,618				. 1,699,235	3,302,115	4
43	100,245	2	920	415	237,732	58	12,926	2	520	19	9,166	12	3,257		. 599,404	1,363,534	5
$156 \\ 2.107$	96,537 856,009	14 43	4,916 11,142	341	164,207 4,018,245	35 571	8,332 107,778	1 89	208 10,715	5 250	500 84,217	119	27,648	11 \$251	. 1,545,273 49,819,301	2,050,338 60,635,705	67
1,794	2,316,021	120	67,411		6,243,321		625,889	118	21,430	436	201,763	687	213,824	14 2,184	33,694,927	59,352,548	8
81	66,316	33	25,558	186	105,515	131	38,616	6	972	20	12,317	10	5,200			847,555	9
68	139,229	2	1,328	544	353,171	343	101,976	6	900						2,892,219	4,221,675	10
18	17,300		01.540	92	42.898	7	1,352	15	2,516	4	2,040	6	1,290	150 00 00	70.060	211,000	11
1,268	1,247,513	48	21,598 260	13,950 204	6,808,408 80,403	1,532	346,288 19,858	405	59,982 1,049	2,452	1,471,156	491	152,554	150 30,644		22,057,090 865,904	12
3	3,250		200	204	17,438	00	19,000	1	1,045	0	100		000		1	44,038	14
86	123,908	8	3,592	1,809	1,048,449	322	107,189	25	4,567	1,133	586,723	188	57,685	14 8,412		4,228,846	15
39	42.788	3	884	348	1,040,445	4	1.200	20	364	1,100	000,120	100	01,000		34 132	399,814	16
66 14538 10558 187	71,538 12,128,714 10,850,469 123,726	5 426 897 21	2,693 176,734 395,338 10,377	184 22,343 34,422 307	63,406 13,903,830 19,069,096 139,174	150 9,106 24080 412	$\begin{array}{r} 47,804\\ 2,641,031\\ 6,715,114\\ 111,141\end{array}$	62 452 486 16	9,207 71,115 69,059 2,349	81 28,511 33,842 165	$\begin{array}{r} 25,365\\ 16,697,405\\ 14,345,300\\ 62,599\end{array}$	373 10,673 51,023 265	89,872 2,910,214 10,787,641 77,559	31 3,420 94 22,060 1,033 79,627	777,570	$\substack{1,572,265\\126,219,151\\251,019,609\\784,055}$	17 18 19 20
709 2,459 1,314 1,378	581,296 3,146,543 1,428,357 1,036,474	18276 400 42 30	8,646,606 237,972 19,028 16,238	768 7,361 2,614 1,668	477,725 4,568,764 1,490,026 902,818	45238 13788 553 31	$\substack{\substack{11,985,221\\4,819,012\\149,959\\8,528}}$	360 213 74 4	$42,833 \\ 31,898 \\ 12,949 \\ 670$	288 5,452 137 110	$\substack{138,713\\2,728,191\\48,767\\32,111}$	1,926 12,125 388 11	497,141 3,175,191 113,933 2,171	$\begin{array}{cccccccccccccccccccccccccccccccccccc$. 65,961,465	57,071,732 68,164,019 75,042,010 7,783,140	21 22 23 24
647	698,516	26	14,296	4,242	2,241,967	583	194,194	74	14,500	564	304,174	275	85,246	13 2,368	5,547,082	12,230,554	25
160	113,332	1	300	4,448	1,901,456			32	4,564	4,494	2,162,662			24 3,950	11,509,737	16,498,345	26
	$\begin{array}{r}12,922\\68,321\\3,409,377\\1,600,488\end{array}$	1 1,261 14	520 441,064 8,629	$53 \\ 563 \\ 11,194 \\ 12,942$	28,039 306,710 5,330,904 5,848,626	14 116 7,704 3	3,134 35,665 1,771,681 650	16 550 301	3,016 78,328 52,390	39 688 9,089	17,995 290,849 4,120,129	15 7 1,550 191	3,952 1,134 306,959 30,574	1 195 38 4,286 29 3,880	31,116,629	301,093 1,020,835 55,997,101 38,617,956	26 27 28 29 30
381	522,549	9	5,072	6,072	2 416 927	4,356	1,108,758 14,716	836	126.444	190	67,024	600	155,566	62 10,300	23.372.637	32,376,454 1,903,200	31
99 118 279 13	118,494 125,337 455,701 9,620	7 1 163 1	3,380 312 98,075 1,200	196 823 806 88	89,994 381,631 510,039 24,058	58 884 3,319 99	$14,716 \\ 194,921 \\ 1,104,991 \\ 18,560$	21 293 59 8	3,994 54,053 9,212 400	6 19 925	2,410 6,264 336,752	5,774 1	1,542,605 230	45 5,440	1,501,902 5,662,140	${}^{1,903,200}_{2,840,359}_{12,401,575}_{525,595}$	32 33 34 35
215 739 2,627	$187,811 \\ 130,838 \\ 3,427,362$	1 82	75 37,372	$1,883 \\ 6,579 \\ 85,840$	$517,743 \\ 631,256 \\ 32,695,795$	90 95821	5,180 26,038,979	$7\\102\\22,500$	330 4,105 2,920,517	895 142 2,997	522,735 9,933 1,101,722	3 10,786	86 3,126,107	4 325 932 141,418	254,309 542,481 154,912,979	2,624,027 2,367,450 267,981,724	36 37 38
3 48	850 49,896	2	1,320	3 197	1,200 86,543		15,568	25	300 780	10 1	800 150				5,980 1,592,041	$11,950 \\ 1,906,622$	39 40
24 764	38,960 711,073	15	6,146	199 4,919	94,410 2,580,483	6 198	600 51,050	6 108	300 16,960	19 3,429	$14,940 \\ 1,539,610$	50	12,430	4 400	. 396,296 3,465,124	726,708 11,110,614	41 42
3 216	2,697,709	35	15,079	1,164	665,484	191	60,724	56	9,164	71	32,607	4	422		. 1,475,255	7.864.299	43
$^{3,216}_{200}$ $^{1,882}_{1,882}$	323,726 1,090,483	3 27	1,252 8,531	766 1,753	473,448 777,287	179 204	54,940 51,860	51 49	7,450 7,359	6 20	3,770 2,150	9 5	$3,040 \\ 1,030$. 993,855	2,594,888 6,659,797	44 45
25 933 636 181 640	28,883 705,880 791,908 246,662 826,986	265 30 5 43	114,289 13,383 2,554 22,152	$132 \\ 2,091 \\ 16,297 \\ 2,053 \\ 6,221$	70,661 1,133,324 8,053,091 1,017,486 3,469,140	13 1,380 2,151 4 970	3,268 396,794 574,973 936 243,039	1 60 793 8 44	182 10,811 143,486 786 7,543	222 213 26 1,068	110,674 94,753 7,225 613,707	2 238 147 499	600 65,784 45,417 183,621		$\begin{array}{c}1,103,556\\12,385,220\\6,352,668\end{array}$	436,766 5,267,819 28,900,560 9,092,514 19,114,714	46 47 48 49 50
205 388 44 37 33	268,325 361,115 46,008 49,278	5 9 3	$3,056 \\ 4,608 \\ 1,236$	1,791 1,529 241 232	1,284,502 802,578 134,420	$ \begin{array}{c} 1 \\ 87 \\ 2 \\ 92 \end{array} $	240 28,152 416	2 68 2	500 13,794 520	73	43,750	8			. 186,579	$\begin{array}{r} 4,783,224\ 3,121,642\ 726,425\ 444,942 \end{array}$	51 52 53 54 55
37 33	42,378 30,086			232 129	116,294 67,126	92 23	27,253 7,044	20 2	3,000 416	10	3,000					444,942	55

U S-2

					CAPI	TAL.				OF EMPI	E NUMBER OYÉS AND WAGES,
	MECHANICAL AND MANUFACTURING INDUSTRIES.	Num- ber of estab- lish- ments			Value c	of plant.	······		Miscel- laneous	Agg	regates.
		re- port- ing,	Aggregate.	Total.	Land.	Buildings.	Machin- ery, tools, and im- plements.	Live assets.	expenses.	Aver- age num- ber.	Total wages.
1 2 3	Engravers' materials Engraving and diesinking Engraving, steel, including plate printing. (See also Lithographing and engraving.) Engraving, wood	$16 \\ 382 \\ 134$	\$139,920 794,554 2,924,125	\$49,460 424,854 1,250,133	\$1,500 22,050 8,200	\$3,500 41,050 332,000	\$44,460 361,754 909,933	\$90,460 369,700 1,673,992	\$13,959 150,239 155,902	$161 \\ 1,635 \\ 2,560$	\$97,339 1,169,073 1,881,583
45	(See also Enforcement and engraving, Photolithographing and engraving.) Engraving, wood Envelopes	$285 \\ 41$	480,990 3,218,466	149,758 1,342,677	3,000 96,000	$\frac{4}{203},000$	142,7581,043,177	331,232 1,875,789	106,791 346,129	$1,286 \\ 2,501$	$956,366 \\ 1,058,550$
6 7 8 9 10	Fancy articles, not elsewhere specified Felt goods. (See also Woolen goods.) Fertilizers. (See also Chemicals.) Filea. (See also Chtlery and edge tools.) Firearms		$\begin{array}{c} 2,386,317\\ 4,460,621\\ 40,594,168\\ 2,991,988\\ 4,672,424 \end{array}$	857,441 1,865,984 13,197,623 1,776,199 2,755,496	$130,850 \\ 276,780 \\ 2,870,499 \\ 265,970 \\ 418,900$	$173,490\\714,453\\5,787,740\\486,804\\630,350$	$\begin{array}{r} 553,101\\ 874,751\\ 4,539,384\\ 1,023,425\\ 1,706,246\end{array}$	$1,528,876 \\ 2,594,637 \\ 27,396,545 \\ 1,215,789 \\ 1,916,928$	$276,390\\232,871\\2,790,082\\130,310\\202,656$	3,954 2,266 10,158 2,666 2,759	1,679,818 1,041,296 4,671,831 1,445,941 1,700,205
11 12 13	Fire extinguishers, chemical Flreworks Fish, canning and preserving. (See also Food	9 22 110	405,733 507,266 3,186,975	48,530 214,435 1,421,730	$4,500 \\ 73,900 \\ 466,970$	$16,000 \\ 93,675 \\ 467,340$	$28,030 \\ 46,860 \\ 487,420$	357,203 292,831 1,765,245	$ \begin{array}{r} 18,859 \\ 25,483 \\ 280,660 \end{array} $	82 557 5,202	57,878 213,103 1,248,396
14	preparations.) Flags and banners. (See also Regalia and acciety banners and emblems.)	29	376,130	153,945	73,800	42,950	37,195	222,185	20,098	364	142,625
15	Flavoring extracts		1,361,800	225,650	42,640	41,660	141,350	1,136,150	153,406	769	441,786
16 17 18	Flax, dressed. Flouring and grist mill products Food preparations. (See also Fish, eanning and preserving; Fruits and vegetables, ean- ning and preserving; Oysters, canning and	6 18,470 302	1,361,635 208,473,500 6,715,535	867,810 136,539,851 3,040,819	201,010 23,776,931 662,661	204,200 41,730,612 999,885	$\begin{array}{r} 462,600\\71,032,308\\1,378,273\end{array}$	493,825 71,933,649 3,674,716	45,567 13,162,037 881,628	$517 \\ 63,481 \\ 4,152$	227,123 27,035,742 1,816,835
19	ming and preserving, oysters, caming and preserving.) Foundry annehine shop products, (See also fronwork, architectural and ornamen- tal; Steam fittings and heating appartitus.) Foundry supplies	6,475 21	382,798,337			51,032,859	95,001,692	195,749,347	24,637,980 53,282	247,754	148,389,063 152,773
20 21	Fruit jar trimmings	5	679,817 1,025,697	353,105 596,384	111,900 200,000	104,000 200,500	137,205 195,884	326,712 429,313	33,689	552	166,735
22	Fruit jar trimmings Fruits and vegetables, canoing and preserving. (See also Food preparations; Pickles, pre- serves, and sauces.)	886	15,315,185	6,205,843	1,338,584	2,387,232	2,480,027	9,109,342	1,289,681	50,881	5,243,707
23 24	serves, and sauces.) Fur goods. (See also Hats and caps, not in- cluding wool hats.) Furnishing goods, men's. (See also Shirts.)	484	11,115,840 12,299,011	1,089,777	220,310 231 949	546,500 357,211	322,967	10,026,063	864,506 2.330,360	8,075 22,211	4,749,191 7,589,349
25	Furnishing goods, men's. (See also Shirts.) Furnishing goods, men's. (See also Shirts.) Furniture, cabinetmaking, repairing and up- holstering. (See also Mattresses and spring beds.)	4,054	12,299,011 12,861,208	1,619,759 4,775,372	1,602,213	1,820,413	1,030,599 1,352,746	10,679,252 8,085,836	$2,330,360 \\ 1,406,085$	14,721	8,584,097
26 27 28 29 30	Furniture, chairs Furniture, factory product Furs, dressed Galvanizing Gas and lamp fixtures. (See also Lamps and reflectors.)	$1,579 \\ 26 \\ 27 \\ 108$	$\substack{\substack{14,387,075\\66,393,864\\266,921\\1,301,973\\7,218,964}$	$\begin{array}{c} 4,592,771\\ 24,595,393\\ 152,025\\ 464,593\\ 2,354,562 \end{array}$	$\begin{array}{r} 992,312 \\ 6,293,354 \\ 40,950 \\ 144,300 \\ 376,275 \end{array}$	$1,907,254 \\9,438,445 \\44,600 \\128,900 \\691,000$	1,693,205 8,863,594 66,475 191,393 1,287,287	9,794,304 41,798,471 114,896 837,380 4,864,402	1,159,910 5,369,929 13,294 99,192 793,283	$13,837 \\ 63,946 \\ 437 \\ 846 \\ 5,530$	5,737,810 34,470,845 287,508 473,111 3,592,512
31 32 33 34 35	Gas, illuminating and heating Gas machines and meters Gas stoves Glass. cutting, staining, and ornamenting	38 24 294	$\begin{array}{r} 258,771,795\\ 1,603,426\\ 1,199,528\\ 40,966,850\\ 2,504,089 \end{array}$	$234,401,052 \\514,687 \\515,229 \\25,437,450 \\692,797$	45,521,707 73,350 29,591 5,097,726 132,516	35,048,435 149,250 141,562 11,401,021 134,000	$153,830,910 \\ 292,087 \\ 344,076 \\ 8,938,703 \\ 426,281$	$\begin{array}{r} 24,370,743 \\ 1,088,739 \\ 684,299 \\ 15,529,400 \\ 1,811,292 \end{array}$	7,799,385 105,209 118,617 2,267,696 272,138	14,860 1,071 1,031 45,987 3,794	${ \begin{array}{c} 10,642,794 \\ 709,529 \\ 628,773 \\ 22,118,522 \\ 2,496,420 \end{array} }$
36	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.) Gincose		5,977,820	913,116	162,530	345,550	405,036	5,064,704	426,937	8,669	3,109,008
37 38 39 40	Glucose Glue Gold and silver, leaf and foil Gold and silver, reducing and refining, not from the ore.	7 62 81 38	5,991,023 4,859,266 1,105,198 4,763,397	4,470,000 1,972,993 548,026 2,032,781	870,000 564,475 109,900 248,000	1,400,000 719,631 197,650 1,135,111	$2,200,000 \\ 688,887 \\ 240,476 \\ 649,670$	1,521,023 2,886,273 557,172 2,730,616	$\begin{array}{r} 923,429\\420,913\\46,863\\354,113\end{array}$	1,759 1,836 1,499 966	974,406 823,452 800,796 771,030
4 1 42	Graphite. Grease and tallow. (Sec also Axle grease; Soap	. 3 233	38,614 4,336,193	9,500 2,746,979	933,080	1,017,144	. 9,500 796,755	29,114 1,589,214	4,999 278,334	21 1,787	10,442 1,079,284
43 44	and candles.) Grindstones Gunpowder. (See also Ammunition; High ex-	. 9 37	78,750 9,609,975	32,500 5,001,388	3,500 942,756	3,500 1,657,604	25,500 2,401,028	$46,250 \\ 4,608,587$	5,799 959,240	132 1,730	56,980 1,002,694
45	plosives.) Hairwork		1,362,993	342,412	125,000	115,790		1,020,581	282,152	1,945	870,601
46 47 48 49	Hammocks Hand knit goods. Hand stamps. Hardware. (See also Cuttery and edge tools; Tools not closwhere specified.) Hardware soddler:	6 28 234 350	65,525 78,468 998,873 26,271,840	5,200 34,915 557,508 12,330,030	200 10,300 79,000 1,929,035	$700 \\ 9,700 \\ 52,000 \\ 3,660,404$		60,325 43,553 441,365 13,941,810	3,369 20,352 126,548 2,400,827	86 224 1,068 19,671	18,359 61,989 650,647 9,911,486
50 51	Alter differe of beacher of anti-	. 104	3,376,356 1,709,650	1,284,496 577,880	204,150 87,300	315,364 139,500	764,982 351,080	2,091,860	250,668	3,179 1,705	1,547,295 844,352
62	Hat and cap materials. Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.) Hay and straw, baling.		13,724,002	5,056,721	1,085,652	1,710,327	2,260,742	8,667,281	$146,073 \\ 1,651,268$	27,193	14,111,747
53 54	High explosives. (See also Ammunition; Gun- powder.)	. 72 32	416,541 3,929,503	261,603 1,104,488	$\begin{array}{r}42,810\\225,087\end{array}$	$134,196\\468,081$	84,597 711,320	154,938 2,525,015	30,430 209,680	777 820	149,653 546,816
55	Hones and whetstones	9	97,935	65 , 150	22,500	13,700	29,250	32,485	1,918	71	27,973

SPECIFIED INDUSTRIES : 1890-Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES-continued.

0	fficers, firn and cl		bers,		Operative:	s, skille	d and uns	skilled.			1	Piecewo	rkers.			Cost of materials	Value of products, including receipts from cus-	
Male Y	above 16 ears.		les above yeurs.		above 16 ears,		es above ears.	Chil	dren.		above 16 ars.		es above cars.	Chil	dren.		tom work and repairing.	
Num- ber.	Wages.	Num- ber.	Wages.	Num- ber,	Wages.	Num- ber,	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.			
20 459 219	\$19,889 467,294 273,232	2 8 45	\$1,000 5,128 31,946	137 1,013 1,013	\$76,045 617,105 750,895	1 39 870	\$280 9,540 367,437	$1 \\ 24 \\ 29$	\$125 3,354 5,085	92 371	\$66,652 447,978					\$61,985 434,506 742,765	\$203,764 2,187,157 3,347,804	$\frac{1}{2}$
334 164	353,372 239,801	7 12	$2,541 \\ 6,205$	797 569	533,409 327,454	7 939	$2,680 \\ 273,854$	83 20	4,339 4,620	$107 \\ 29$	$59,245 \\ 6,118$	1 768	780 200,498			$157,656 \\ 2,530,798$	1,555,418 4,855,680	4 5
351 120 1,122 222 95	$\begin{array}{r} 343,715\ 156,486\ 1,249,584\ 224,439\ 120,078 \end{array}$	207 4 10 9 4	$101,121 \\ 1,430 \\ 4,377 \\ 3,926 \\ 4,196$	$1,178 \\ 1,356 \\ 8,838 \\ 1,428 \\ 2,277$	$\begin{array}{r} 634,278\\ 652,059\\ 3,376,671\\ 751,731\\ 1,376,575\end{array}$	$1,563 \\ 346 \\ 88 \\ 47 \\ 12$	430,825 91,634 25,914 17,113 3,816	59 123 70 103 9	9,463 19,410 9,966 17,818 1,680	$149 \\ 118 \\ 25 \\ 830 \\ 360$	$59,229 \\ 69,737 \\ 5,219 \\ 423,968 \\ 193,585$	432 160 27 2	98,823 42,639 6,946 275	15 39 5	\$2,364 7,901 100	$\substack{1,844,556\\2,809,937\\25,113,874\\1,038,943\\485,946}$	$\substack{4,810,450\\4,654,768\\39,180,844\\3,179,649\\2,922,514}$	6 7 8 9 10
25 37 177	31,684 46,705 117,823	$1 \\ 2 \\ 5$	$\begin{array}{r} 600 \\ 1,100 \\ 2,430 \end{array}$	55 281 1,904	25,279 111,407 541,678	1 185 335	315 46,689 49,451	32 81	4,798 5,720	8 1,883	892 445,011	12 506	1,512 71,608	211	14,675	57,736 188,938 4,710,709	$195,834 \\ 592,542 \\ 6,972,268$	$11 \\ 12 \\ 13$
41	44,936	2	1,500	1,904	45,241	97	35,178	6	936	34	8,184	83	6,650				455,849	14
237	222,294	25	10,777	333	166,625	144	32,879	16	2,288	8	5,647	6	1,276			1,430,120	2,614,514	15
19 15912 632	$28,100 \\ 8,824,109 \\ 580,123$	1 166 42	300 73,231 13,799	217 45,892 2,154	114,624 17,755,268 927,748	255 215 966	$82,020 \\ 50,665 \\ 203,501$	25 204 85	2,079 21,718 13,132	997 82	291,197 30,578	93 184	19,488 46,234	2 7	66 1,720	638,285 434,152,290 8,129,925	981,283 513,971,474 14,105,485	16 17 18
16071	18,923,521	531	262,493	205530	115,265,032	1,040	290,248	1,307	253,694	22,871	13,291,445	166	50,791	238	51,839	171,145,156	412,701,872	19
49	61,140	·		163	91,633			.[·							. 357,874	672,440	20
19 1,048	36,659 581,034	71	11,356	83 14,817	28,592 2,091,309	55 12886	$4,914 \\1,193,000$	32 3,499	2,970 106,704	259 3,652	75,280 397,022	$\substack{104\\12,828}$	$18,320\\807,848$	2,080	55,434	275,744 18,665,163	802,237 29,862,416	21 22
1,003	1,206,644	125	65,399	2,598	1,805,562	3,418	1,193,541	41	6,519	388	297,974	502	178,552			11,742,508	20,526,988	23
$1,337 \\ 3,920$	1,470.513 2,803,646		$40,810 \\ 32,864$	2,006 8,959	$1,174,144 \\5,096,006$	5,632 709	$1,812,464 \\ 243,931$	144 137	$23,539 \\ 21,199$	$2,146 \\ 712$	723,850 330,323	10,783 199	2,335,529 55,810	67 5 2	8,500 812	15,280,572 9,757,060	29,870,946 23,884,252	24 25
727 4,007 37 83 503	48,618	3 2	1,000	7,823 49,688 224 733 4,641	3,443,760 25,549,492 129,215 349,228 2,737,419	649 955 3 4 233	133,700 328,435 700 880 71,674	1,346 5 11		2,966 7,289 167 13 102	$1,293,012 \\3,833,399 \\107,519 \\8,120 \\62,668$	451	95,65 98,32 150	2 71	13,165	5 38,796,471 203,199 1,940,712	$\begin{array}{c} 16,866,358\\ 94,876,722\\ 651,296\\ 2,957,143\\ 7,825,672\end{array}$	27 28 29
1,810 7 9 1,05 45		7 2 9 11 2 42	2 1,200 6,038 2 15,359	826 861 24,337		15 5 1.626	6,819 1,250 273,064 50,712	6,498	918,746	153 57 11,727	8,881,623	4 3 3 259	50 59,18 97	1 44		675,542 840,126	1,838,644 2,137,94 41,051,004	32 33 34
45			12,542	1,807	954,891	1,121	332,097	7 84	11,411				818,24	61	4 1,60			
3 13 8 8	8 146,68 96,40	7 19 1	1 676 0 6,220	629	420,800	3 34 5 496	1,52: 8,250 155,74: 410		9,470 2,79 2 46	5) 45 7 95 2 15	68,10	167		0 0 5		1,831,710	4,270,46	0 38 1 39
31	$ \begin{array}{c} 3 & 1,43 \\ 3 & 283,44 \end{array} $	4	4 1,955	17	8,68 785,07		32 2,29		6,16	4 8	35	0					0 54,60 1 7,474,91	
10	8 5,20 6 166,20)4	2 1,30	$ \begin{array}{c} 128 \\ 1,578 \end{array} $		6 1					26,56	5				34,74 3,279,00	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 0 & 43 \\ 3 & 44 \end{array} $
25	0 219,97	79 29					307,04	3 2	8 5,15		23,08	8 148			1 9			
		00 6	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5 54	$2 5,88 \\ 287,77$	$ \begin{array}{ccccccccccccccccccccccccccccccccccc$	2,79 13,05 15,57 294,21	9 4		8 50	6,30 30,56	5	10,11 7 3,72 5 91,35	15 21 51 10		88,28 432,68 06 10,186,44	$ \begin{array}{c} 205,77 \\ 7 1,583,87 \\ 2 26,726,46 \end{array} $	$ 5 47 \\ 2 48 \\ 3 49 $
2			3 5,25	- i -			31,19		,						0 1,30			
1,2		57 50 1	4 2,04 29 15,48	0 89 0 7,35		3 425 9 2,745	115,17 866,52	70 23 11		4 20 0 9,11				90 10 1:	5 2,08 47 43,15			4 51 9 52
	59 25,3 37 140,3 14 9,2	67	2 1,14		8 372,28	30 23	5,28	30 1	9 15 3 2,77	6 3			6 1,8		10 90		9 4,600,27	12 53 72 54 16 55

					CAI	PITAL.				OF EM	GE NUMBER PLOYÉS AND L WAGES,
	MECHANICAL AND MANUFACTURING INDUSTRIES.	re-			Value	of plant.			Miscel- laneous expenses.	Ag	gregates.
		port- ing.	Aggregate.	Total.	Land.	Bnildings.	Machin- ery, tools, and im- plements.	Live assets.		Aver- age num- ber.	Total wages.
$\frac{1}{2}$	Hooks and eyes Horse shoes, factory product Hosiery and knit goods. (See also Cotton goods; (Boves and mittens; Woolen goods.) House furnishing goods, not elsewhere speci-	10 4 796	\$449,618 1,299,065 50,607,738	\$246,545 675,950 23,574,761		\$37,520 68,500 6,194,088	\$197,825 544,571 15,109,207	\$203,073 623,115 27,032,977	\$33,008 42,019 3,627,245	243 493 61,209	\$148,444 282,870 18,263,272
4 5	House furnishing goods, not elsewhere speci- fied. Ice, artificial		6,939,659 9,846,468	3,065,108 8,873,731	414,500 1,595,360	1,179,366	1,471,242 5,939,719	3,874,551 972,737	366,750 477,485	3,667 3,265	1,779,753 1,441,187
6 7 8 9 10	Ink, printing Ink, writing Iostruments, professional and scientific Iron and steel Iron and steel bolts, nuts, washers, and rivets.	35 38 233 645 82	$\begin{array}{r}1,863,025\\792,194\\2,996,021\\373,478,018\\10,789,821\end{array}$	$\begin{array}{r} 620,163\\357,760\\1,293,363\\210,830,316\\5,812,292\end{array}$	174,600 101,500 247,600 31,553,087 1,101,168	$132,900 \\ 154,900 \\ 248,817 \\ 42,766,656 \\ 1,291,348$	312,663 101,360 796,946 136,510,573 3,419,776	$1,242,862 \\ 434,434 \\ 1,702,658 \\ 162,647,702 \\ 4,977,529$	$162,554 \\ 47,676 \\ 203,937 \\ 16,918,753 \\ 597,605$	516 508 2,371 152,535 7,341	$\begin{array}{r} 455,764\\301,426\\1,606,194\\84,665,506\\3,472,202\end{array}$
11 12 13	Jacob and stard down and should be	7 90 138	$\begin{array}{r} 42,550\ 7,152,145\ 24,334,549\end{array}$	23,950 4,281,004 13,825,194	10,000 1,125,732 2,273,151	5,000 699,308 3,108,506	8,950 2,455,964 8,443,537	$18,600 \\ 2,871,141 \\ 10,509,355$	$^{4,210}_{366,812}_{1,244,624}$	53 4,448 17,116	38,389 2,638,641 7,816,994
14 15	Iron and steel forgings	22 724	22,622,367 21,968,172	9,043,906 10,671,455	1,678,093 2,983,622	1,917,951 2,877,618	$5,447,862 \\ 4,810,215$	13,578,461 11,296,717	1,095,805 1,344,813	$12,064 \\ 18,672$	5,845,462 11,951,457
16 17 18	Ivory and bone work,	64 39 783	1,894,549 285,794 22,246,508	839,272 111,900 4,141,958	$135,000 \\ 9,650 \\ 173,200$	402,400 18,600 405,661	301,872 83,650 3,563,097	1,055,277 173,894 18,104,550	$111,293\ 21,941\ 1,493,545$	1,345 292 15,761	$687,360\ 156,201\ 10,270,393$
19 20	repairing.) Jewelry and instrument cases Jute and jute goods	76 7	$\begin{array}{r} 634,900 \\ 1,645,636 \end{array}$	$141,196\\891,611$	$1,700 \\ 89,800$	16,700 295,000	$122,796 \\ 506,811$	493,704 754,025	$70,679 \\ 168,258$	$\substack{1,038\\1,212}$	587,574 391,586
21 22 23 24 25	Kaolin and other earth grinding Kindling wood Labels and tags Lamps and reflectors. (See also Gas and lamp fixtures.)	95 136 47 93	3,334,575 1,299,533 646,815 2,550,214 100,635	2,114,931 872,105 450,180 902,772	683,422 242,772 33,600 82,900	532,950 210,950 61,950 134,300	898,559 418,383 354,630 685,572	1,219,644 427,428 196,635 1,647,442 74,200	222,527 173,298 60,882 197,759 13,294	1,461 1,805 710 2,286	744,129 772,377 379,897 1,320,273 99,486
26 27 28 29 30	Lapidary work	17	5,898,910 906,820 4,892,525 445,743 434,800	26,435 898,215 391,282 2,405,572 250,053 171,700	106,430 85,750 881,844 47,790 45,675	$152,870 \\78,400 \\675,800 \\65,607 \\71,000$	$\begin{array}{r} 26,435\\ 638,915\\ 227,132\\ 847,928\\ 136,656\\ 55,025\end{array}$	3,000,695 515,538 2,486,953 195,690 263,100	$\begin{array}{r} 845,116\\62,192\\208,645\\30,166\\30,978\end{array}$	1,018 774 780 185 355	648,042 571,732 552,321 92,163 207,724
31	Leather goods. (See also Pocketbooks; Trunks and values.)	139	2,980,060	692,622	117,110	130,343	445,169	2,287,438	190,874	3,074	1,464,124
32 33 34 35	Leather, morocco Leather, patent and enameled Leather, tanned and curried Lightning rods.	$121 \\ 32 \\ 1,596 \\ 22 \\ 22$	$12,283,793 \\ 4,108,409 \\ 81,261,696 \\ 436,661$	3,988,333 1,530,767 22,526,492 118,628	$\begin{array}{r} 651,800\\ 461,500\\ 6,346,010\\ 35,700 \end{array}$	$\substack{1,793,306\\647,900\\10,155,462\\40,690}$	$1,543,227 \\ 421,367 \\ 6,025,020 \\ 42,238$	8,295,460 2,577,642 58,735,204 318,033	$\begin{array}{r} 838,727\\ 218,546\\ 4,309,421\\ 20,559\end{array}$	8,237 2,087 34,348 210	4,599,569 1,352,981 17,825,605 132,195
36 37 38 39 40	Lines and cement. Linen goods Liquors, distilled Liquors, malt. (See also Bottling.) Liquors, vinous. (See also Liquors, distilled.).	$873 \\ 3 \\ 440 \\ 1,248 \\ 236$	$18,752,396 \\908,589 \\31,006,176 \\232,471,290 \\5,792,783$	$\substack{14,464,265\\288,895\\16,972,727\\148,239,269\\2,706,613}$	7,482,480 38,995 2,816,967 33,538,926 367,010	$\begin{array}{r} 4,095,536\\ 161,400\\ 6,299,511\\ 64,412,133\\ 1,049,005 \end{array}$	2,886,249 88,500 7,856,249 50,288,210 1,290,598	$\begin{array}{r} 4,288,131\\ 619,694\\ 14,033,449\\ 84,232,021\\ 3,086,170 \end{array}$	984,009 65,583 65,179,927 48,276,290 270,377	13,710 583 5,343 34,800 1,282	5,473,222 180,204 2,814,889 28,382,544 480,733
41	Lithographing and engraving. (See also	219	15,490,127	8,715,408	451,829	1,075,873	7,187,706	6,774,719	1,155,653	10,590	7,147,174
42 43 44	Photolitha, sol, including plat printing. Photolithagraphing and engraving; Print- ing and publishing.) Look and gun smithing Looking-glass and picture frames Lumber and other mill products from logs or 3	1,308 1,290 21,011	1,867,220 8,554,995 496,339,968	1,141,290 2,237,358 294,325,888	358,460 590,955 156539,097	260,915 710,325 31,273,534	521,915 936,078 106,513,257	725,930 6,317,637 202,014,080	278,516 1,019,920 20,136,273	2,560 9,664 286,197	1,502,316 5,257,553 87,784,433
45	bolts. Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	3,670	120,271,440	52,327,364	16,128,855	13,976,848	22,221,661	67,944,076	6,594,958	86,888	48,970, <mark>080</mark>
-16 -17 -18	Malt. (See also Liquors, malt.) Nantels, slate, marble and marbleized Marble and stone work. (See also Monu- ments and tombetones.)	202 90 1,321	$24,293,864 \\ 1,854,759 \\ 24,041,961$	10,787,614 698,780 10,775,391	3,230,357 304,900 4,889,280	5,827,303 238,650 1,743,427	1,729,954 155,230 \cdot 4,142,684	13,506,250 1,155,979 13,266,570	1,305,246 108,899 1,772,017	$^{3,694}_{1,704}_{23,888}$	$2,103,200 \\ 1,160,861 \\ 17,433,505$
49 50	Masonry, brick and stone. (See also Plaster- ing and stuccowork.) Matches	5,969 27	51,660,111 1,941,092	11,279,547 1,104,935	3,798,090 190,228	2,932,363 364,698	4,549,094 550,009	40,380,564 836,157	5,688,854 124,800	108,405 1,755	70,681,800 544,211
51 52	Mats and matang.	24 696	392,639 6,662,929	165,062 2,068,458	23,400 631,626	23,100 673,591	118,562 763,241	227,577 4,594,471	26,651	428	212,481 3,660,297
53	Mattresses and apring beds. (See also Furni- ture; Wirework, including wire rope and cable.) Millinery and lace goods. (See also Artificial	278	6,630,210	1,788,243	100,200	353,000	1,835,043	4,841,967	742,153	11,827	5,452,429
54 55 56	feathers and flowers.)	5.999	16,309,220 49,450 10,781,817 1,695,772	3,964,230 36,150 8,229,883 264,997	1,598,687 20,500 1,818,888 18,110	1,785,618 10,600 1,539,273 33,300	579,925 5,050 4,871,722 213,587	12,344,990 13,300 2,551,934 1,430,775	2,620,266 1,628 1.286,577 169,594	23,976 28 7,717 1,542	8,945,139 17,864 4,206,868 1,033,235

SPECIFIED INDUSTRIES : 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES-continued.

•	Officers, firm and c	m men lerks,	nbers,	ĺ	Operativ	res, ski	lled and ur	skilled	1.			Piecev	vorkers.			Cost of	Value of products, including	
	es above 16 years.		ales above years.		es above 16 years.	Fem 1	ales above 5 years.	Ch	ildren.		es above 16 years.		ales above 5 years.	Chi	ldren.	materials used.	receipts from cus- tom work and repairing	
Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber,	Wages.	Num- ber.	Wages.	Num- ber.	Wages			
$22 \\ 19 \\ 1,520$	\$41,458 40,976 1,641,230	3	\$915 43,923	119 394 11,681	\$76,766 224,004 4,892,839	96 15125	\$28,905 3,882,062	3 80 2.711	\$400 17,890 374,128	3,165	\$1,148,361	25.701	\$6,124,008		\$156721	\$325,615 519,449 35,861,585	\$593,604 1,110,032 67,241,013	2 2
244	268,409	6	4,415	2,083	1,021,581	740	219,142	82	15,949	432	225,065	78	24,792	2	400	4,832,791	8,347,285	
438	344 ,711	1	480	2,606	1,081,810			15	1,362	205	12,824			· · · · · · · · · · · ·		940,699	4,900,983	5
$132 \\ 122 \\ 373 \\ 3,773 \\ 358 $	$183,399 \\ 148,580 \\ 406,641 \\ 5,662,568 \\ 454,485$	4 5 20 47 28	2,625 2,358 7,955 25,038 13,263	357 203 1,592 147357 4,246	258,782 101,555 975,849 78,715,288 2,013,927	18 99 137 2 180	8,658 24,081 39,236 566 49,240	$12 \\ 23 \\ 1,356 \\ 210$	1,494 3,894 262,046 35,643	5 20 214 1,841	2,300 10,752 169,269 797,760	47 12 130	12,606 3,350 37,053	348	70,831	1,145,554 519,231 698,352 295,777,843 6,746,304	2,376,672 1,128,307 3,271,616 430,954,348 12,373,031	7 8 9
7 235 498	7,625 322,451 664,889	5 18	2,076 7,852	43 3,516 14,436	28,714 1,965,782 6,449,349	11 513	2,700 136,148	2 43 747	250 8,378 136,519	1 595 531	1,800 329,308 328,265	366	92,665	43 7	7,946 1,307	29.792 4,875,697 22,960,737	88,515 9,042,563 34,227,517	12
368 1470	446,422 1,696,081	3 44	$1,325 \\ 19,675$	10,807 16,656	5,036,707 10,002,485	5 9	$^{2,346}_{3,120}$	284 146	57,704 27,028	596 343	$300,758 \\ 201,924$			1 4	$\overset{200}{1,144}$	25,988,798 18,620,510	37,906,801 37,745,294	14 15
$102 \\ 49 \\ 1,712$	94,657 51,004 2,158,469	3 	836 73,597	901 144 9,760	473,830 69,655 6,286,793	140 41 2,598	$\begin{array}{r} 42,040\\ 12,846\\ 824,420 \end{array}$	18 4 215	$2,718 \\ 738 \\ 36,605$	160 23 936	67,166 12,196 767,663	20 23 370	5,939 8,210 122,825	1 8 1	$174 \\ 1,552 \\ 21$	921,975 120,184 16,110,219	1,918,607 350,819 34,761,458	16 17 18
127 18	$140,231 \\ 23,001$	1	416	597 307	$367,225\\148,876$	260 665	60, 0 68 180,137	17 167	$^{2,824}_{22,672}$	23	14,780	12 55	$1,796 \\ 16,900$	1	234	483,441 501,909	$1,454,053 \\1,120,121$	20
$ \begin{array}{r} 185 \\ 184 \\ 85 \\ 213 \end{array} $	193,413 152,673 87,365 280,701	5 4 7 7	1,837 3,610 3,572 3,612	1,215 1,025 414 1,730	520,971 454,816 247,046 928,854	18 137 121	4,646 33,740 30,404	5 22 27 52	628 2,886 2,814 10,026	51 377 1 140	27,280 120,065 780 60,684	130 12 13	$25,147 \\ 2,220 \\ 5,992$	45 27	8,534 2,360	$^{1,330,290}_{1,187,460}_{402,371}_{1,542,092}$	2,846,862 2,401,873 1,048,304 4,039,359	22 23
36	39,344	1	1,500	82	54,512			5	780	5	3,850	·····	·			124,852	315,604	25
120 76 137 20 58	181,300 85,439 165,963 19,711 47,911	10 2 6 2	$6,640 \\ 550 \\ 3,170 \\ 1,000$	683 501 634 160 235	408,896 329,975 381,888 70,452 131,695	112 2 21	29,480 600 6,216	61 2 	11,950 416 604		$ \begin{array}{r} 676 \\ 155,352 \\ 575 \\ 400 \\ 21,298 \end{array} $	29	9,100 725			$12,654,360\\331,225\\6,882,157\\211,936\\724,739$	$\substack{15,474,848\\1,239,065\\8,351,754\\463,705\\1,072,755}$	27 28 29
305	336,620	15	7,108	1,569	761,894	879	233,012	86	. 15,500	193	105,528	24	4,162	3	300	2,988,747	5,578,428	31
$^{ \begin{array}{c} 414\\ 81\\ 2,050\\ 41 \end{array} }$	$\substack{454,262\\131,735\\2,086,155\\52,461}$	12 1 19 5	6,114 312 9,401 2,820	6,029 1,370 29,130 159	3,157,773 790,654 13,916,135 75,109	114 80	36,225 21,966	296 76 1	56,683 12,000 145	$1,333 \\ 635 \\ 2,963 \\ 4$	$874,304 \\ 430,280 \\ 1,772,196 \\ 1,660$	22 27	10,680 7,612	17	3,528 140	18,174,452 3,932,724 100,114,806 212,789	$26,279,105 \\ 6,502,228 \\ 138,282,004 \\ 483,296$	33 34
660 9 573 4,483 229	525,361 13,070 564,325 7,621,448 178,955	7 8 60 5	3,548 4,500 47,713 2,325	12,430 156 4,559 29,117 962	4,698,620 69,728 2,142,232 20,399,030 285,418	7 287 3 168 24	2,540 65,500 390 40,757 7,382	89 34 5 508 6	$13,238 \\ 6,202 \\ 540 \\ 91,609 \\ 548$	517 62 194 374 54	229,915 18,711 102,802 165,763 5,905	8 82 2	2,159 15,000 200	27 1 8	4,834 100 1,224	5,667,863 268,907 14,909,173 64,003,347 1,318,012	${}^{15,741,801}_{547,273}_{104,197,869}_{182,731,622}_{2,846,148}$	36 37 38 39 40
856	1,256,812	78	35,032	7,727	5,277,573	1,461	372,757	303	54,473	124	136,757	35	12,548	6	1,222	6,265,464	17,988,157	41
1,307 1,654 19287	841,396 1,383,189 10,608,273	11 82 181	$5,059 \\ 27,507 \\ 80,925$	$1,140 \\ 6,510 \\ 252129$	625,424 3,403,867 73,723,635	1 526 1,388	600 135,678 249,524	45 367 2,616	6,862 64,349 333,604	55 427 9,051	$22,611 \\ 219,404 \\ 2,607,984$	1 59 893	364 17,713 113,875	39 652	5,846 66,613	822,557 7,069,115 231,555,618	3,153,834 16,376,173 403,667,575	42 43 44
6,814	6,676,686	151	71,538	76,849	41,156,203	104	28,200	1,474	226,112	1,444	796,804	37	12,161	15	2,376	104,926,834	183,681,552	45
365 180 1,916	$512,725 \\ 205,714 \\ 2,110,145$	$\begin{array}{c}1\\4\\22\end{array}$	300 2,028 8,762	3,285 1,399 20,907	1,571,931 863,155 14,759,349		962 5,434	4 49	1,294 9,849	43 113 937	$18,244 \\ 87,708 \\ 529,646$	37	9,620	6	700	17,100,074 1,254,667 16,232,430	$23,442,559\ 3,127,662\ 41,924,264$	46 47 48
6,579	6,744,321	92		99,866	62,706,284	12	4,398	170	64,347	1,686	1,127,713						190,704,818	49
50 40	66,115 39,607	9	4,540	$\frac{710}{262}$	292,329 123,819	246 16	44,612 3,312	49 7	$7,174 \\ 1,250$	70 81	$24,409 \\ 40,395$	601 17	103,442 4,098	20	1,590	935,008 301,591	$2,193,638 \\ 608,625$	50 51
978	877,994	41	18,350	3,746	1,836,923	770	233,585	197	30,560	1,160	520,238	379	119,956	66	22,691	8,727,380	15,683,932	52
579	847,117	130	79,291	1,775	1,017,301	5,008	1,791,134	42	8,611	749	435,174	3,544	1,273,801		······	8,588,342	18,047,067	53
1,052	5.100		2,885,416	351 24	12.764		4,962,085	224	30,054	48	13,940	392	95,362	6	762	18,756,776	36,983,082 47,152	54 55
$^{1,749}_{138}$	1,400,425 190,828	49	26,280	$5,582 \\ 1,280$	2,715,868 776,285	92 45	$22,325 \\ 9,152$	171 13	$23,156 \\ 1,960$	60 66	17,089 55,010	8	1,350	6	375	4,562,803 3,274,131	14,353,745 6,000,533	56 57

						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					
	MECHANICAL AND MANUFACTURING INDUSTRIES.	Num- ber of estab- lish- ments			Value o	of plant.		Miscel- laneous	Aggregates.		
		re- port- ing.	Aggregate.	Total.	Land.	Buildings.	Machin- ery, tools, and im-	Live assets.	expenses.		
				1			plements.			Aver- age num- ber.	Total wages.
$\frac{1}{2}$	Models and patterns	$^{449}_{2,052}$	\$1,384,721 13,073,232	\$719,089 4,261,564	\$119,138 1,988,177	\$120,747 1,189,296	\$479,204 1,084,091	\$665,632 8,811,668	\$150,512 970,358	$\substack{2,010\\12,101}$	\$1,427,861 7,930,016
3 4	Musical instruments and materials, not spe-	55 293	748,826	$286,624 \\ 650,507$	$48,150 \\ 156,775$	96,100 191,375	$^{142,374}_{302,357}$	$rac{462,202}{678,822}$	$67,581 \\ 178,488$	$\substack{404\\1,382}$	$199,411 \\ 862,177$
5	cified. Musical instruments, organs and materials	145	9,890,288	2,083,252	450,560	871,755	760,937	7,807,036	821,315	4,989	3,096,477
6 7 9 10	Musical instruments, pianos and materials Needles and pins Nets and seines Oakum Ol, castor	45 22 7	$\substack{18,430,872\\1,820,089\\1,135,764\\275,675\\621,798}$	$\begin{array}{r} 4,701,884\\954,609\\467,623\\186,525\\263,962\end{array}$	$\substack{1,385,346\\81,100\\39,573\\73,525\\85,500}$	1,738,750 222,900 95,633 35,000 51,000	1,577,788 650,609 332,417 78,000 127,462	$\begin{array}{c}13,728,988\\865,480\\668,141\\89,150\\357,836\end{array}$	1,394,513 71,674 53,920 6,579 28,314	13,057 1,680 650 151 101	9,347,729 728,002 217,985 57,116 70,131
11 12 13	Oil, cottonseed and cake Oil, essential Oil, illuminating, not including petroleum, re-	119 67 5	$12,808,996 \\ 102,223 \\ 561,496$	8,941,014 70,872 349,200	898,345 10,006 107,500	2,733,217 11,497 114,000	5,309,452 49,369 127,700	3,867,982 31,351 212,296	$1,163,586 \\ 34,462 \\ 15,480$	6,301 220 66	$1,907,827 \\ 37,492 \\ 54,418$
14 15	fining. Oil, lard Oil, lioseed	7	$481,526 \\ 14,003,358$	197,500 5,036,210	$ \begin{array}{r} 65,500 \\ 1,208,775 \end{array} $	77,500 1,514,358	54,500 2,313,077	$284,026 \\ 8,967,148$	102,663 1,321,461	$\begin{smallmatrix}&120\\2,073\end{smallmatrix}$	$^{82,232}_{1,286,062}$
16 17 18 19 20	0il, lubricating 0il, resin. 0ildoth, enameled 0ildoth, floor. Oleomargarlue.	8 9 19	$\substack{4,091,157\\284,110\\772,820\\3,704,436\\634,532}$	$1,067,901 \\ 153,500 \\ 412,450 \\ 1,596,845 \\ 135,434$	212,584 58,000 74,950 295,550 32,284	300,476 50,000 170,750 777,150 29,900	$554,841 \\ 45,500 \\ 166,750 \\ 524,145 \\ 73,300$	3,023,256 130,610 360,370 2,107,591 499,098	928,718 20,890 66,929 195,764 385,563	1,072 117 367 1,583 328	876,470 82,652 212,461 837,969 245,890
$21 \\ 22 \\ 23$	Optical goods Ordnance and ordnance stores	191 4 16	2,608,176 7,639,991 1,106,962	$906,727 \\7,446,383 \\504,250$	${}^{64,281}_{2,081,866}_{234,200}$	$\substack{144,495\\3,516,829\\180,750}$	697,951 1,847,688 89,300	1,701,449 193,608 602,712	228,028 18,885 80,199	$2,844 \\ 1,459 \\ 3,514$	1,300,452 1,099,306 712,501
$\frac{24}{25}$	Food preparations.) Painting and paper hanging Paints. (See also Chemicals; Varnish)		$23,135,781 \\ 34,009,203$	7,665,288 14,869,182	2,564,067 4,389,155	$2,516,812 \\5,250,204$	2,584,409 5,229,823	15,470,493 19,140,021	$2,632,571 \\ 8,039,427$	$\substack{56,281\\8,737}$	37,722,550 5,605,626
26 27 28 29 30	Paper. (See also Leather, board : Pulp, wood.) Paper bangings. Paper pangings. Paper patterns. Patent modicines and compounds. (See also Druggists' preparations, not including pre- scriptions.)	27	82,374,099 2,922,449 5,709,909 156,106 18,596,823	56,289,244 1,217,536 2,108,753 18,690 5,275,507	9,002,883 115,550 355,500 2,500 1,700,721	$18,250,116 \\ 378,900 \\ 486,584 \\ 3,550 \\ 1,833,970$	29,036,245 723,086 1,266,669 12,640 1,740,816	26,084.855 1,704,913 3,601,156 137,416 13,321,316	6,270,959 234,325 660,117 54,857 7,063,311	29,568 1,647 2,814 448 9,390	$13,746,584 \\765,181 \\1,474,788 \\153,738 \\5,094,202$
31 32 33 34 35	Paving and paviog materials Pencils, lead Pencils, lead Pens, fountain and stylographic Pens, gold	. 6 . 5 . 15	${}^{12,648,093}_{66,625}\\3,100,836\\142,265\\473,964$	$\begin{array}{r} 4,689,540\ 21,000\ 936,000\ 43,325\ 149,120 \end{array}$	1,307,336 270,000 3,100 12,000	552,284 373,000 3,600 8,000	2,829,920 21,000 293,000 36,625 129,120	7,958,553 45,625 2,164,836 98,940 324,844	1,147,235 5,919 154,528 12,380 82,753	$22,730 \\ 89 \\ 1,452 \\ 176 \\ 363$	$\begin{array}{r} 10,450,970\\ 60,088\\ 580,750\\ 102,799\\ 260,669 \end{array}$
36 37	Pens, steel Perfumery and cosmetics. (See also Druggists'	. 3 157	399,182 2,238,901	$176,115 \\ 545,878$	36,000 96,450	$52,672 \\ 149,875$	87,443 299,553	$223,067 \\ 1,698,023$	$^{6,295}_{421,335}$	511 1,755	152,175 877,679
38 39 40	Perfunery and cosmetics. (See also Druggists' preparations, not including prescriptions.) Petroleum, refining Photographic materials	. 94 - 25 - 45	77,416,296 362,834 1,172,640	35,127,700 108,851 459,179	7,886,668 7,100 104,600	6,403,994 12,800 132,413	20,837,038 88,951 222,166	42,288,596 258,983 713,461	2,069,268 28,263 91,356	$12,471 \\ 549 \\ 899$	6,989,478 308,939 538,266
41 42	Photography Photolithographing and engraving. (See also Litbographing and engraving: Stereotyping	3,105 89	7,804,532 1,134,873	5,080,305 604,378	614,670 7,000	684,504 6,500	3,781,131 590,878	2,724,227 530,495	1,592,786 145,059	$10,432 \\ 1,352$	6,405,871 988,898
43	Pickles, preserves and sauces. (See also Fruits	316	4,913,459	1,679,044	455,803	485,185	738,056	3,234,415	528,283	4,252	1,767,319
44 45	Pipes, tobacco	. 69 1,746	1,432,758 3,309,297	567,789 1,460,240	30.863 474,805	95,015 486,410	441,910 499,025	864,965 1,849,057	95,545 311,812	$1,345 \\ 10,624$	730,996 6,845,487
46	Plated and britannia ware. (See also Silver- ware.)	68	13,150,990	3,922,351	304,382	999,259	2,618,710	9,228,639	1,276,431	6,919	3,775,305
47 48	Plumbers' supplies. (See also Brass eastings		9,678,107	3,859,279	988,950		1,785,101		550,938	5,485	3,304,214
48 49 50	Pocketbooks. (See also Leather goods) Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	. 5,327 . 62 4,098	29,335,247 1,121,834 67,146,445	$ \begin{array}{r} 8,113,905 \\ 257,065 \\ 40,295,690 \\ \end{array} $	2,590,074 63,416 2,569,068	116.184	3,085,887 77,465 34,721,268	21,221,342 864,769 26,850,755	2,492,884 101,933 10,855,620	$\begin{array}{r} 42,518 \\ 1,348 \\ 58,139 \end{array}$	28,762,611 661,992 35,874,361
51 52	Priuting and publishing, music. (See also Bookbinding and blank-book making.) Printing and publishing, newspapers and peri- ducals. (See also Bookbinding and blank- book matters.)	79 12,362	1,816,205 126,269,885	924,777 78,760,034	52,200 10,409,896	33,600 11,769,253	838,977 56,580,885		362,117 35,727,039	701 106 ,095	448,582 68,601,532
53 54 55	odicals. (See also Bookbinding and blank- book making.) Printing materials Pulp goods	64	1,370,487 154,910 418,015	562,878 114,000 228,574	16,500		484,322	807,609 40,910	121,874 26,992 46,228	866 292 276	486,106 158,600 139,034

SPECIFIED INDUSTRIES : 1890-Continued.

					AGE NUMBI													
0	fficers, firn and cl	n mem lerks.	bers,		Operative	es, skill	led and vn	skilled.					Cost of materials	Value of products, including receipts				
Males above 16 Females abo years. 15 years.						Females above 15 years. Chi		Children.		Males above 16 years.		les above years.	Chi	ldren.	used.	from cus- tom work and repairing.		
vum- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.			
501 ,297	\$470,119 1,891,285	6 26	\$2,693 10,706	1,408 8,903	\$920,665 5,472,699	36 9	\$11,733 2,702	26 28	\$3,731 5,189	32 836	\$18,712 547,300	1	\$208 60	1	\$75	\$440,576 7,636,474	\$2,523,395 20,671,498	12
89 314	77,108 252,613	6 12	$2,526 \\ 4,454$	252 875	108,945 514,504	36 46	5,745 13,927	3 21	75 3,795	6 106	1,972 69,384	12 8	$3,045 \\ 3,500$			$755,034 \\ 510,664$	1,276.611 1,888,613	2
349	409,446	32	12,840	2,492	1,550,531	79	33,872	22	4,132	1,977	1,072,456	38				3,454,720	9,213,188	
607 65 31 9 22	965,686 74,532 27,114 10,300	18 6 1 2	12,696 3,986 750 870	9,670 803 102 124 77	6,355,258 395,852 60,281 43,636 44,532	$145 \\ 396 \\ 425 \\ 4$	$\begin{array}{r} 48,619\\121,729\\108,604\\200\end{array}$	40 9 14	7,070 2,070 2,980	$2,541 \\ 95 \\ 2$	1,937,484 54,671 300		20,916 72,557 20,936			10,470,779 450,442 634,634 231,733 431,231	25,766,368 1,515,865 1,002,196 363,400 573,363	1
391 23 13	24,729 412,197 8,568 22,644	4	1,850	5,778 191 51	1,458,966 28,249 30,608	55	9,607	37	4,483	36 6	20,724 675					14,363,126 129,735 442,338	19,335,947 255,847 599,720	1111
26 184	$29,024 \\ 306,498$		2,220	92 1,851	51,813 953,180	4	1,040			2 31	1,395 23,124					920,650 19,374,543	1,181,613 23,534,806	1
350 27	432,470	15	7,246	667 90	425 291	32	8,854	6	1,385	2	1,224					4,961,184 535,320	8,656,530 738,680	1
26 61 58	29,056 29,702 91,953 88,504	 1 6	250 3,248	315 1,192 252	53,596 168,789 583,333 150,918	4 4 11	$2,570 \\ 1,340 \\ 2,870$	2 6 1	300 1,250 350	20 285	11,100 156,307			34	3,536	983,518 2,380,295 2,175,264	1,603,265 3,877,822 2,988,525	115
$302 \\ 31 \\ 60$	$275,494 \\ 34,888 \\ 69,641$	35 1	14,584 250	$1,599 \\ 1,158 \\ 578$	759,173 858,811 182,689	389 2 707	76,928 939 219,170	103 1 54	$15,968 \\ 182 \\ 4,312$	269 267 904	118,035 204,486 121,089	118 995	34,583 96,910	29 215	5,687 18,440	$1,324,305 \\743,348 \\2,088,867$	3,505,978 2,424,662 3,260,766	111111
0816 ,597	$^{8,886,887}_{1,995,138}$	129 96	$\frac{48,332}{41,731}$	$^{42,617}_{6,242}$	$27,446,839 \\ 3,307,846$	$224 \\ 421$	67,944 116,490	250 55	44,836 8,373	$2,213 \\ 218$	$1,221,514 \\ 109,485$	25 98	5,374 24,873	7 10	824 1,690	23,102,359 24,930,532	74,067,998 40,438,171	14.04
1,156 121 218 30 2,029	$\substack{1,599,563\\150,174\\297,182\\40,860\\2,007,911}$	44 7 12 9 303	22,091 3,654 5,452 4,352 130,908	21,280 881 1,961 46 3,988	${ \begin{smallmatrix} 10,340,749\\ & 440,462\\ 1,044,155\\ & 35,558\\ 2,177,014 \end{smallmatrix} }$	4,627 385 240 361 2,190	${}^{1,148,527}_{100,624}_{59,015}_{72,422}_{558,554}$	218 95 276 1 145	$ \begin{array}{r} 84,211 \\ 14,523 \\ 39,544 \\ 156 \\ 21,113 \end{array} $	645 90 102 1 243	$150,212 \\ 39,076 \\ 27,340 \\ 390 \\ 75,501$	1,589 54 3 480	450,814 14,484 1,800 122,336	9 14 2 12	417 2,184 300 865	42,223,314 2,627,454 3,572,027 85,269 11,030,916	74,309,388 4,179,235 7,431,726 377,456 32,620,182	04 04 04 04 00
1,001 10 56 23 56	1,021,570 13,080 126,500 28,434 72,900	9 8 1 6	4,102 3,800 468 2,224	21,156 74 434 107 239	9,182,112 45,540 246,311 58,003 151,385	1 5 299 21 23	$312 \\ 1,468 \\ 70,246 \\ 4,835 \\ 6,952 \end{cases}$	16 267 1	2,023 40,360 104	547 49 21 38	240,851 18,170 9,819 27,104	333	74,163 1,240	·····	1,200	$13,891,005 \\ 59,491 \\ 796,378 \\ 123,214 \\ 235,628$	30,644,072 164,450 1,687,560 351,775 718,070	118
15 325	20,143 353,896	34	22,263	66 528	$40,272 \\ 274,192$	2 760	728 199,676	33 13	$5,249 \\ 1,682$	75 14	19,635 3,964	320 78	$\frac{66,148}{21,206}$	3	800	56,630 2,128,420	268,259 4,630,141	
40 40 110	1,102,892 44,560 115,868	33 3 6	$14,119 \\ 1,624 \\ 2,150$	9,227 429 536	5,077,917 244,182 333,309	$2 \\ 58 \\ 192$	$\begin{array}{r} 622\\ 12,700\\ 60,935\end{array}$	500 12 2	81,635 1,512 338	$1,658 \\ 7 \\ 51$	708,820 4,361 25,106		560	. 16	3,473	67,918,723 164,620 1,107,269	85,001,198 624,342 2,121,387	
143 192	2,773,456 221,443	$322 \\ 15$	159,772 6,836	4,490 959	$2,611,163 \\ 681,634$	1,888 72	662,756 23,115	117 16	$18,663 \\ 2,658$	296 97	$124,656 \\ 52,712$	175 1	55,285 500	1	120	$3,892,196 \\ 541,395$	15,488,324 2,071,580	
648	595,803	27	12,624	1,864	832,691	1,069	210,685	21	2,372	100	25,840	516	86,524	7	1,280	5,328,541	9,790,855	ĺ.
131 ,804	154,941 1,459,330	8 4	4,240 1,440	822 8,466	$\begin{array}{r}424,438\\5,233,229\end{array}$	125 13	31,368 4,536	15 8	$1,875 \\ 1,174$	202 327	107,348 145,703	38	6,266 75	4		$626,668 \\ 4,416,053$	1,881,262 13,460,824	
278	408,892	24	11,153	4,857	2,700,124	709	200,457	147	25,733	623	346,509		80,340	16	-,	4,647,890	11,502,966	3
518 ,907 135 ,375	635,779 6,787,427 168,329 7,925,120	20 149 5 617	10,850 59,870 1,752 300,250	4,078 34,656 569 35,780	2,217,258 21,713,722 288,906 21,956,713	44 66 374 7,930	13,719 26,234 96,439 2,640,833	111 475 63 1,382	26,441 91,263 5,505 248,486	681 259 161 3,660	391,309 83,939 91,178 2,097,445	1 32	8,258 156 8,218 705,514	4 9		5,853,709 37,735,671 968,948 29,387,211	11,960,464 80,905,925 2,165,462 93,540,831	
204	209,341	35	15,458	328	170,084	69	21,341	24	4,128	38	26,634		1,596					
17576	16,997,805		1,079,368	57,492	36,925,542		2,444,092	5,940	638,913	1		1	778,100	24			179,859,750	
142 39 23	143,500 44,914 27,370	91	4,510 500 180	440 203 211	253,394 98,972 99,418	20 42 13	$^{6,456}_{12,570}$ $^{2,426}_{2,426}$	16 6 7	3,108 1,124 805	79 1 17	47,876 520 7,922	160	27,262 913				1,459,434 368,601 352,582	. 1

		ITAL.				OF EMI	GE NUMBER PLOYÉS AND L WAGES,				
	MECHANICAL AND MANUFACTURING INDUSTRIES.	Num- her of estab- lish- ments re- port- ing.	Aggregate.	of Value of plant.		Machin-	Live assets.	Miscel- laneous expenses.	Ag	gregates.	
				Total, Land,		Buildings.	ery, tools, and im- plements.			Aver- age num- ber.	Total wages,
1 2 3 4 5	Pulp, wood Pulp from fiber other than wood Pumps, not including steam pumps Refrigerators	82 7 256 82 137	\$7,455,449 583,837 3,540,097 3,367,329 1,841,193		\$1,054,400 38,000 447,855 313,942 31,001	\$1,725,211 78,500 631,059 404,654 32,641	\$3,182,043 205,000 618,658 430,603 214,923	\$1,493,795 262,337 1,842,525 2,218,130 1,562,628	\$499,722 33,202 225,377 295,322 247,882	2,830 168 2,140 2,373 2,379	\$1,228,901 93,256 1,145,145 1,252,765 1,044,722
6 7 8 9	Registers, car fare Registers, cash. Rice cleaning and polishing Roofing and roofing materials. (See also Tin- smithing, coppersmithing, and sheet-iron working.)	$75 \\ 32 \\ 2,140$	74,725 292,150 2,073,884 13,303,597	32,950 96,050 1,422,273 5,409,441	8,000 301,870 1,608,574	25,000 560,850 1,549,458	32,950 63,050 559,553 2,251,409	$\begin{array}{r} 41,775\\196,100\\651,611\\7,894,156\end{array}$	13,098 16,805 147,992 1,117,670	101 742 743 13,333	$64,074 \\ 434,140 \\ 319,593 \\ 8,558,026$
10 12 13 14 15	Rubher and elastic goods Rules, ivory and wood Saddery and harness Safes and vaults Salt Sand and emery paper and cloth	139 16 7,931 39 200 9	$13,703,787 \\ 172,918 \\ 35,346,620 \\ 4,603,118 \\ 13,437,749 \\ 705,957 \\ \end{array}$	$\begin{array}{r} 4,920,715\\ 107,241\\ 9,949,904\\ 1,318,879\\ 11,247,548\\ 208,189\end{array}$	475,650 26,850 3,360,578 172,250 4,287,784 27,727	$1,172,040 \\18,930 \\4,166,339 \\292,910 \\4,255,896 \\44,815$	3,273,025 61,461 2,422,987 853,719 2,703,868 135,647	8,783,072 65,677 25,396,716 3,284,239 2,190,201 497,768	$\begin{array}{c} 1,133,182\\ 11,183\\ 2,666,690\\ 564,756\\ 674,183\\ 111,073\end{array}$	9,802 163 30,326 4,131 4,455 253	$\begin{array}{r} 4,516,266\\ 74,127\\ 16,030,845\\ 2,394,825\\ 1,782,491\\ 156,489 \end{array}$
16 17 18 19 20	Sausage. (See also Slaughtering.) Saws Scales and balances Screws, machine Screws, wood	249 95 76 20 7	1,128,562 6,313,373 1,658,655 1,672,343 5,572,237	$787,149 \\ 2,527,399 \\ 874,601 \\ 928,427 \\ 3,356,237$	266,905 631,100 190,500 130,500 332,631	$264,340 \\ 656,912 \\ 291,625 \\ 231,818 \\ 1,238,054$	$255,904 \\ 1,239,387 \\ 392,476 \\ 566,109 \\ 1,785,572$	$\begin{array}{r} 341,413\\3,785,974\\784,054\\743,916\\2,215,989\end{array}$	$\begin{array}{c} 115,520\\ 435,625\\ 108,056\\ 73,946\\ 310,519 \end{array}$	1,106 2,943 1,500 1,113 1,651	561,673 1,859,694 837,575 534,948 625,465
21 22 23 24 25	Shirts. (See also Furnishing goods, men's.)	$7\\166\\59\\1,010\\869$	1,430,403 192,593 16,043,136 53,393,074 14,273,611	$\begin{array}{r} 691,803\\72,600\\5,531,743\\39,870,665\\2,931,474\end{array}$	$101,000 \\ 14,700 \\ 558,062 \\ 14,294,878 \\ 510,650 \\ \end{array}$	$\begin{array}{r} 307,700\\9,100\\1,362,124\\10,170,301\\889,553\end{array}$	$283,103 \\ 48,800 \\ 3,611,557 \\ 15,405,486 \\ 1,531,271 $	$738,600 \\119,993 \\10,511,393 \\13,522,409 \\11,342,137$	$\begin{array}{r} 81,396\\ 47,942\\ 1,865,050\\ 1,392,551\\ 2,188,265\end{array}$	1,842 335 9,121 25,934 32,750	886,725 201,066 5,170,555 16,028,847 10,704,603
26 27 28 29 30	Shoddy	94 99 472 24 30	3,754,063 1,208,022 51,007,537 410,773 5,317,641	$1,675,801 \\ 365,928 \\ 21,086,308 \\ 79,275 \\ 1,766,367 \\$	$265,500 \\76,500 \\1,691,660 \\550 \\215,500$	556,990 107,284 5,212,968 200 380,500	853,311 182,144 14,181,680 78,525 1,170,367	2,078,262 842,094 29,921,229 331,498 3,551,274	238,094 147,134 4,259,623 20,755 633,891	2,299 1,500 50,913 314 2,306	856,582 876,150 19,680,318 253,652 1,618,429
31 32 33 34 35	Slaughtering and meat packing, wholesale, (Sce also Lard, refined; Sausage). Slaughtering, wholesale, not including meat packing. (See also Lurd, refined; Sausage.) Smelting and refining	611 507 50 578 12	98,190,766 18,696,738 9,425,912 24,821,069 3,354,928	36,652,521 8,349,270 4,295,843 11,183,713 1,122,006	10,585,656 2,509,667 448,910 3,140,704 238,900	17,092,271 3,211,822 2,686,490 4,148,637 225,600	8,974,594 2,627,781 1,160,443 3,894,372 657,506	61,538,245 10,347,468 5,130,069 13,637,356 2,232,922	13,200,585 2,516,150 472,996 3,355,625 381,110	40,409 7,537 1,765 9,305 993	23,491,101 5,350,475 1,122,353 4,951,648 728,121
36 37 38 39 40	Sporting goods	136 57 99 80 200	1,693,7763,459,4228,692,8884,929,1555,372,309	785,506 1,727,252 4,284,347 2,747,655 1,908,612	100,590 428,159 974,250 324,011 207,740	185,935 389,783 658,639 1,377,608 350,350	498,981 909,310 2,651,458 1,046,036 1,350,522	$908,270 \\ 1,732,170 \\ 4,408,541 \\ 2,181,500 \\ 3,463,697 $	101,709 178,290 630,881 1,108,135 425,554	2,199 1,892 7,075 3,121 4,790	881,970 1,174,770 3,092,872 1,189,017 2,268,409
41 42 43 44 45	Steam fittings and heating apparatus. (See also Foundry and machine shop products.) Stendts and	217 34 106 81 6	17,017,364 538,564 415,165 1,332,129 106,750	5,853,791 150,582 261,060 786,170 39,000	977,000 7,200 16,100 30,050 250	1,423,441 7,700 13,200 20,125 I,000	3,453,350 135,682 231,760 735,995 37,750	11,163,573 387,982 184,105 545,959 67,750	1,485,212 101,192 58,839 161,924 13,685	11,779 418 499 1,475 433	7,594,395 229,174 345,377 1,068,991 120,388
46 47 48 49 50	Sugar and molasses, refining	393 155 670 63 5	24,013,008 856,396 4,062,375 293,112 61,400	$\substack{\substack{14,508,975\\278,906\\2,590,113\\56,309\\23,150}$	2,889,472 34,775 1,670,378 22,100 4,550	3,891,614 40,725 23,550 17,200	7,727,889 203,406 919,735 10,659 1,400	9,504,033 577,490 1,472,262 236,803 38,250	5,920,763 184,749 178,662 20,361 1,088	7,529 912 15,315 155 72	2,815,275 549,318 2,933,491 102,237 21,584
51 52 53		1,606 7,002 395	61,541,086 38,434,900 30,841,316	37,823,089 17,223,734 7,526,380	1.463.852	5,561,681	6,928,110 7,064,652 2,858,367	23,717,997 21,211,166 23,314,936	5,187,790 3,029,860 19,463,749	38,442	11,353,608 21,036,375
54 55	resucce; stemming and renationing	292	59,517,827 5,735,610	10,193,759 869,735	3,323,453 197,635	4,077,496 482,375	2,792,810 189,725	49,324,068 4,865,875	17,673,063 424,869	6,504	8,568,071 11,767,989 1,455,946
56 57 58 59	Tools, not elsewhere specified. (See also Cut- lery and edge tools; Hardware.) Toys and games Trunks and valiess. (See also Leather goods.). Type founding. (See also Stereotyping and electrotyping.)	462 139 395 38	11,376,622 2,781,185 6,900,756 4,968,309	5,232,703 1,173,652 1,854,899 2,287,971	742,349 159,050 634,355 86,500	1,216,408 348,200 668,950 177,500	3,273,946 666,402 551,594 2,023,971	6,143,919 1,607,533 5,045,857 2,680,338	835,443 283,592 663,762 236,907	7,095 3,440 6,785 2,172	4,144,838 1,346,850 3,513,749 1,401,749

SPECIFIED INDUSTRIES : 1890-Continued.

							tinued.	escon	TAL WAG	AND TO	EMPLOYÉS	ER OF	RAGE NUMB	AVEI				
Value of products, including receipts	Cost of materials		Pieceworkers.							skilled.	led and un	s, skill	Operative		bers,	o mem erks.	ficers, firm and cl	0
from cus- om work and cepairing	used.	ren.	Children.		Females above 15 years.		Males above 16 years.		Children.		Females above 15 years.		Males above 16 years.		les above years.		Males above 16 years.	
		7 ages.	um-, er.	N b	Wages.	Num- ber.	Wages.	Num- ber,	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	vum- ber.
\$4,627,796 524,243 4,103,410 4,513,616 3,203,890	\$2,005,166 126,902 1,681,275 2,377,958 1,246,906	4,394 185			\$8,172 \$6,251	27 335	\$25,894 16,025 42,108 254,373 23,772	83 25 80 480 39	\$5,595 300 1,777 10,750 1,580	41 2 13 69 12	\$1,672 200 6,480 297,906	22 1 30 1,056	\$1,043,737 52,581 783,489 749,663 328,159	2,536 125 1,660 1,542 636	\$2,630 150 2,790 1,420 22,871	5 1 7 4 41	\$146,373 24,200 314,781 217,513 283,998	143 15 379 191 258
141,320 1,281,500 6,693,196 29,412,813	32,618 222,576 5,601,206 14,712,379	36 435	1 4				13,000 592 54,985	20 3 159	72 1,500 714 18,046	1 10 7 103	$18,364 \\ 1,323 \\ 5,602$	99 9 27	54,076 363,418 220,768 6,390,445	90 568 627 10,644	450 624 20,619	1 1 	9,476 37,234 96,160 2,067,893	9 44 96 ,353
18,708,917	11,113,528	20,493	99		676,9 <mark>9</mark> 0	2,204	456,113	896	50,890	279	612,951	2,092	1,846,539	3,613	21,212	40	831,078	579
154,173 52,970,801 6,641,844 5,484,618 1,249,647	$\begin{array}{r} 34,325\\24,674,225\\2,635,313\\1,826,770\\781,505\end{array}$	998 2,268 2,388	6 17 17		3,104 78,642 20,456	13 306 73	7,599 2,335,574 192,333 148,856	19 4,615 364 457	156 45,131 4,102 5,916	1 317 39 35	3,207 186,753 720 18,735 4,070	15 656 1 75 17	36,869 8,260,550 1,932,460 1,397,591 100,156	82 16,761 3,412 3,598 189	692 31,989 9,384 875	1 77 23 3	21,502 5,089,938 255,826 188,174 52,263	26 ,577 292 197 47
3,055,367 5,572,999 2,322,744 1,183,347 2,326,643	1,935,170 2,346,401 867,955 331,701 900,676	3,275 130	9 1	•	9,362 55,456	- 39 	252 240,731 47,955 74,479 35,906	1 352 72 176 79	505 26,494 2,246 70 7,291	4 159 12 2 49	5,862 1,978 550 8,978 83,819	21 7 2 68 447	356,607 1,301,686 641,616 390,936 357,241	811 2,110 1,263 811 744	3,948 6,830 1,863 1,583 4,784	9 15 5 4. 20	194,499 269,338 143,215 58,897 80,968	260 252 145 52 73
2,249,55 385,94 12,823,14 40,342,11 33,638,59	990,439 86,816 3,502,173 16,925,109 15,704,353	2,860 9,513	11 79		1,000 12,920 250 4,348,166	3 35 2 17.746	255,133 520 1,059,292 592,142 1,047,458	565 1 1,997 1,129 2,862	28,460 130 71,998 26,344 17,513	154 1 241 174 128	3,500 4,752 177,664 2,272 2,260,224	8 15 501 7 7,817	564,510 106,455 3,425,590 14,212,969 1,510,621	1,092 176 6,052 23,499 2,575	312 3,642 8,060 6,463 84,813	1 8 16 11	33,810 85,567 412,171 1,188,407 1,426,295	19 134 268 112 376
7,887,00 2,569,55 87,298,45 621,56 5,813,73	6,003,035 1,077,345 51,004,425 204,237 2,129,344	1,600 184 35,524	25 2 200	; ;; ;	72,825 2,446,275	460 9,007	2,012 66,203 3,095,417 50,330	9 112 6,124 62	2,700 14,136 407,321 662 2,119	13 64 2,666 4 12	95,724 988 5,523,790 5,856 39,887	405 4 19907 13 130	532,238 636,591 6,254,114 187,260 1,302,637	1,243 1,149 11,478 257 1,941	916	2 5 135 6 21	148,567 156,098 1,852,235 56,498 214,144	142 164 ,396 34 140
33,252,31	366,993,662	156	3	,	146,289	516	655,135	1,266	119,989	645	138,469	471	19,243,991	34,601	48,964	98	3,138,108	,809
28,359,35	113,968,549	2,500	10				253,647	288	8,887	42	796	3	3,735,117	6,130	7,414	15	1,342,114	,049
$28,188,82 \\ 43,600,28$	$25,285,191 \\ 28,687,412$	600 9,467	3 53	r	68,801	210	48,331	144	400 69,415	3 461	300 238,784	1 972	950,000 2,982,056	1,639 5,981	1,470 29,288	2 73	169,583 1,505,506	117 411
2,711,87	1,016,202			2	3,832	9	41,074	53	2,375	11	3,515	13	496,284	753	4,235	9	176,806	145
2,709,44 4,331,57 10,475,27	1,119,806 2,219,408 5,229,888	$1,382 \\ 3,266$	12 39		63,584 130,623	390 527	$\begin{array}{r} 66,363\\ 260,405\\ 585,684 \end{array}$	138 507 1,574	$21,768 \\ 4,362 \\ 71,211$	112 22 409	109,694 190,206	462	444,502 696,793 1,723,743	906 1,193 3,342	4,596 2,926 2,344	11 7 5	171,463 208,902 385,795	180 151 322
8,934,51 9,292,01	5,153,677 5,268,761	2,800 824	18		44,201 114,245	168 406	13,305 102,098	24 218	10,166 25,573	94 180	61,161 404,784	316	827,475 990,336	2,283 1,865	4,292	6 47	225,617 607,655	212 507
23,147,43	10,628,314				20,476	73	776,605	1,245	23,395	112	42,808	115	5,341,049	9,100	22,054	44	1,369,592	,090
1,003,37 732,61 2,183,90	357,819 167,590 500,744				1,872 20,808	10 50	3,056 2,920 79,011	8 5 102	$2,054 \\ 2,301 \\ 11,464$	10 14	8,038 5,602	29 14	138,834 196,787	268 314	$1,300 \\ 1,872$	35	75,892 134,023	100 137
329,98	134,945				36,222	202	15,000	75	442	56 2	10,143 30,632	17 104	702,459 22,752	1,064	4,627	9	240,479 15,340	177 9
23,118,25 1,650,03 8,077,37 231,77 84,70	$107,758,811 \\ 524,488 \\ 2,874,693 \\ 37,727 \\ 50,362$	150 4,761	1 93	9	2,652 11,684 9,419 225	14 36 125 1	11,860 6,403 72,761 910 3,151	37 13 543 4 14	4,286 3,776 50 689 936	$100 \\ 23 \\ 1 \\ 4 \\ 3$	14,410 59,664 925 1,536 3,120	232 197 16 6 10	2,352,446 219,127 2,818,631 43,002 13,337	6,660 342 14,488 75 42	5,274 20,550	17 52	424,347 227,964 26,944 55,875 1,040	469 248 49 65 3
34,289,80 66,653,74	$11,006,678 \\ 31,217,522$	1,304 13,917	7 63		$^{3,108}_{62,978}$	19 242	2,498,638 785,505	9,678 1,856	$^{2,191}_{152,504}$	11 948	34,905 230,760	201 1,043	8,298,903 14,364,601	35,319 27,225	59,330	134	514,559 5,366,780	907 ,931
65,843,58 29,693,27 16,209,76	29,192,249 50,298,960 12,813,108	97,839 50,188 9,280	549 134 127	0 1. 9 1. 7	774,640 4,847,289 64,867	4,014 15,687 426	952,199 19,281,741 105,296	3,668 38,937 717	225,897 283,342 49,685	2,735 2,200 413	1,265,960 2,327,476 188,752	6,550 8,527 1,215	3,630,623 9,585,024 710,637	11,274 20,515 3,087	9,372 110,927 4,520	25 253 3	1,611,541 8,182,002 322,909	,452 .0903 516
10 528,02	3,517,269 1,453,738	2,267	13		27,066	70	772,777	1,340	15,842	88	36,452	112	2,627,648	4,787	5,842	14	656,944	671
3,749,75 10,821,62 3,916,90	1,453,738 4,703,982 1,434,092	15,045 9,932 9,115	92 51 60	4	67,219 21,264 210,577	272 72 471	121,258 857,190 340,431	373 1,924 538	$21,422 \\ 19,422 \\ 7,372$	141 125 40	101,228 58,522 71,083	432 229 134	749,257 1,824,420 482,933	$1,838 \\ 3,631 \\ 707$	10,044 10,134 10,888	27 21 23	261,377 712,865 269,350	265 732 199

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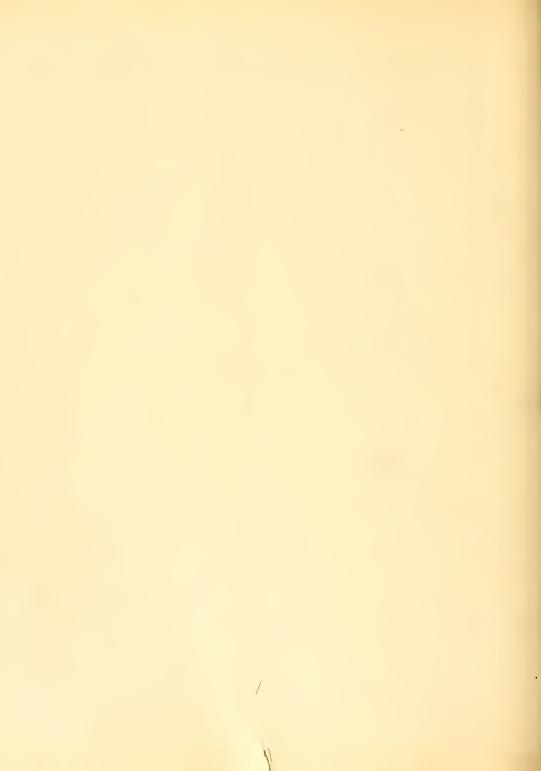
TABLE 2 .- THE UNITED STATES, BY

											•
							AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.				
	MECHANICAL AND MANUFACTURING INDUSTRIES,	Num- ber of estab- lish- ments		Ē.,	f plant,		Miscel- laneons	Age	regates.		
			Aggregate.				Machin-	Live assets.	expenses.		
				Total.	Land.	Buildings.	ery, tools, and im- plements.			Aver- age nnm- ber.	Total wages.
		30	\$1,421,783	\$615,948	\$35,350	\$47,050	\$533,548	\$805,835	\$119,773	1,735	\$1,078,203
12183	Typewriters and supplies. Umbrellas and canes. Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted	435 152	5,646,289 4,427,654	897,622 1,411,558	159,350 343,629	187,303 467,290	550,969 630,639	4,748,667 2,986,096	961,328 244,043	6,863 3,479	3,204,797 1,454,062
45	goods.) Varnish (See also Paints.) Vault lights and ventilators. (See also Fonn- dry and machine shop products.)	140 15	11,308,943 175,225	$2,703,849 \\ 35,250$	743,525 3,000	1,083,116 1,500	877,208 30,750	8,605,094 139,975	1,310,811 25,388	1,851 205	$1,749,061 \\ 160,594$
6 7 8	Vinegar and eider	694 163 32	5,858,395 1,712,953 661,784	$3,685,561 \\588,735 \\361,250$	$880,388 \\ 100,580 \\ 55,500$	$1,188,302 \\ 184,379 \\ 56,100$	1,616,871 303,776 249,650	2,172,834 1,124,218 300,534	355,334 82,444 29,099	$^{3,388}_{1,239}_{563}$	$1,149,069 \\589,523 \\292,497$
9 10	cases and materials.) Watch cases. Watch, clock, and jewelry repairing. (See also Jewelry.)		4,727,100 6,057,125	$1,495,991 \\3,251,046$	127 ,850 877 ,854	404,500 818,144	963,641 1,555,018	3,231,109 2,806,079	443,175 1,047,575	3,869 8,647	2,116,286 5,516,595
$\frac{11}{12}$	Watches	19 9	10,106,114 221,358	4,941,217 12,575	679,971	1,554,510	2,706,736 12,575	5,164,897 208,783	733,404 13,297	6,675 79	8,688,927 53,713
13 14 15	and rattan and willow ware.) Wheelbarrows Whips Windmills	81	1,116,359 1,632,404 2,463,231	433,816 357,958 716,106	110,811 51,094 134,723	$167,175 \\ 94,612 \\ 225,416$	155,830 212,252 355,967	682,543 1,274,446 1,747,125	86,125 245,962 171,781	620 1,087 1,295	297,508 544,522 691,583
16 17 18	Window shades Wire Wirework, including wire rope and cable.	24	4,167,457 11,607,685 11,757,902	1,300,655 5,297,694 5,178,999	205,900 928,655 917,042	390,900 1,505,719 1,379,625	703,855 2,863,320 2,882,332	2,866,802 6,309,991 6,578,903	$1,298,181 \\ 447,480 \\ 858,877$	$2,399 \\ 7,804 \\ 7,917$	$1,437,771 \\ 4,183,802 \\ 3,983,209$
19 20	(See also Mattresses and spring beds.) Wood, preserving	4 872	$262,718 \\ 7,825,668$	241,000 3,930,607	37.000 637,509	18,000 906,628	186,000 2,386,470	21,718 3,895,061	$13,385 \\ 624,837$	95 8,430	42,009 4,226,923
21 22 23	Woodenware, not elsewhere specified Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mit-	. 32	2,711,609 4,142,224 130,989,940	1,474,902 1,194,389 57,820,243	$319,668 \\ 144,350 \\ 6,534,819$	506,545 381,105 19,332,575	$648,689 \\ 668,934 \\ 31,952,849$	1,236,707 2,947,835 73,169,697	$200,961 \\ 249,568 \\ 8,402,623$	3,101 3,592 79,351	1,237,334 1,363,944 28,478,931
$24 \\ 25 \\ 26$	teos; Hosiery and knit goods.) Worsted goods Zinc All other industries (a)	. 8	${}^{68,085,116}_{1,007,320}_{2,952,222}$	27,890,810 553,500 2,036,030	$2,842,769\80,000\179,276$	7,962,865 168,000 704,919	$17,085,176\ 305,500\ 1,151,855$	40,194,306 453,820 916,172	4,917,760 76,728 219,518	43,593 1,082 1,748	15,880,183 653,096 622,080

a Industries in which less than three establishments are reported are grouped in order to avoid disclosing the operations of individual establishments. These establishments are distributed as follows: fuel, artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber, vulcanized, 1; sugar and molasses, beet, 2; thread, linen, 2; tinfoil, 2.

SPECIFIED INDUSTRIES : 1890—Continued.

				AVE	RAGE NUMB	ER OF	EMPLOYÉS	AND TO	DTAL WAG	es-con	atinued.							
c	fficers, firr and c		ibers,		Operativ	es, skil	lled and nn	skilled				Piecew		Cost of materials	Value of products, including receipts			
Males above 16 years. 15 years.				Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		used.	from cus- tom work and repairing.	
Num- ber.	Wages,	Num- ber.	Wages.	Num- her.	Wages,	Num- ber.	Wages.	Num- ber,	Wages.	Num- ber.	Wages.	Num- ber.	Wages.	Num- ber.	Wages.			
88 743 243	\$126,154 721,637 229,938	16 98 5	\$6,573 47,300 2,210	1,045 2,606 1,829	\$656,143 1,348,737 778,629	154 1,831 554	\$46,759 575,218 168,778	2 139 72	\$254 23,624 10,680	427 353 339	\$241,270 140,666 169,945	3 1,093 338	\$1,050 347,615 78,645		\$15,237	\$632,723 7,562,921 3,013,253	\$3,630,126 13,771,927 5,733,039	1 2 3
675 31	998,672 44,814	31	17,674	1,108 172	721, 8 37 115,080	17 1	4,888	8	1,354 100	8	3,700	2	468	2	468	7,805,663 185,529	13,795,510 455,413	4 5
739 205 44	$\begin{array}{r} 425,098\ 156,750\ 51,138 \end{array}$	12 4 1	3,290 1,885 375	2,432 756 371	706,555 346,516 197,902	145 21 111	9,140 4,827 29,834	30 21 11	$1,291 \\ 3,379 \\ 2,098$	20 182 17	3,083 69,573 9,750	10 4 5	612 600 1,000	46 3	5,993 400	3,268,455 1,354,550 314,674	6,649,300 2,489,175 787,310	6 7 8
173 3,803	212,763 2,645,708	17 25	6,936 9,767	$^{2,224}_{4,421}$	1,317,071 2,731,185	508 69	$150,952 \\ 21,780$	23 116	3,615 18,212	720 211	352,590 88,383	202 2	$^{41,848}_{1,560}$	2	481	5,022,455 2,225,888	8,618,479 10,704,477	9 10
70 10	96,555 15,700	10	4,564	$^{1,609}_{48}$	$^{1,102,824}_{31,935}$	847 21	333,405 6,078	20	5,400	2,326	1,472,244	1,793	673,935			995,740 555,173	6,051,066 682,977	11 12
49 139 167	44,579 140,070 126,995	4 4 18	$1,740 \\ 1,310 \\ 8,813$	438 530 1,077	190,623 261,669 541,580	156 4	44,738 2,005	7 8 7	1,026 1,470 1,365	122 138 22	$59,540 \\ 62,980 \\ 10,825$	112				$637,720\ 821,614\ 1,123,947$	1,185,565 2,153,818 2,475,050	13 14 15
358 202 920	413,517 323,832 872,028	16 6 43	7,999 3,448 25,590	1,523 7,363 4,585	805,563 3,717,636 2,209,385	315 43 439	$105,581 \\ 12,952 \\ 122,535$	$17 \\ 1 \\ 221$	2,829 156 39,276	121 184 1,224	82,651 123,778 592,759	49 5 431	$19,631 \\ 2,000 \\ 115,683$		5,953	5,341,874 15,038,540 8,325,435	9,239,669 22,012,804 15,552,857	16 17 18
15 1,005	12,692 883,549	23	9,821	80 6,425	29,317 3,050,088	173	32,372	227	33,847	449	200,643	117	15,116	11	1,487	50,697 3,947,227	143,475 10,939,647	19 20
211 89 2,355	182,411 112,664 2,310,323	9 3 81	4,510 1,304 29,414	1,969 1,559 40,350	772,335 619,606 16,307,265	14 523 25672	3,436 118,547 7,120,875	$^{81}_{4,367}$	11,415 16,948 668,963	638 661 1,780	242,607 360,424 752,058	117 598 4,487	15,966 133,114 1,250,399	62 9 259	4,654 1,337 39,634	1,498,773 2,802,041 82,270,335	3,597,602 5,329,921 133,577,977	21 22 23
587 30 43	923,838 38,270 59,848	28 6	11,379 2,600	17,962 1,017 695	7,898,033 613,926 352,476	17727	5,089,269 159,404	3,791 3 38	631,174 700 4,940	1,109 2 40	532,592 200 4,616	2,355 208	788,448 38,196		5,450	50,706,769 2,005,682 1,773,808	79,194,652 2,976,730 3,142,145	24 25 26



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